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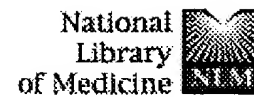




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<input type="checkbox"/>	L11	(synuclein OR synuclein-NAC)	188
<input type="checkbox"/>	L10	L9 AND synuclein	6
<input type="checkbox"/>	L9	424/184.1,185.1.CCLS.	3105
<input type="checkbox"/>	L8	L6 AND synuclein	9
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☐ 1: [Lindersson E, Beedholm R, Hojrup P, Moos T, Gai W, Hendil KB, Jensen PH](#) Related Articles, Links

Proteasomal inhibition by alpha-synuclein filaments and oligomers.  
J Biol Chem. 2004 Jan 7 [Epub ahead of print]  
PMID: 14711827 [PubMed - as supplied by publisher]

☐ 2: [Yang W, Sopper MM, Leysstra-Lantz C, Strong MJ](#) Related Articles, Links

Microtubule-associated tau protein positive neuronal and glial inclusions in ALS.  
Neurology. 2003 Dec 23;61(12):1766-73.  
PMID: 14694044 [PubMed - indexed for MEDLINE]

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The cellular and molecular pathology of the motor system in hereditary spastic paraparesis due to mutation of the spastin gene.  
J Neuropathol Exp Neurol. 2003 Nov;62(11):1166-77.  
PMID: 14656074 [PubMed - indexed for MEDLINE]

☐ 4: [Cheng SY, Trombetta LD](#) Related Articles, Links

The induction of amyloid precursor protein and alpha-synuclein in rat hippocampal astrocytes by diethylthiocarbamate and copper with or without glutathione.  
Toxicol Lett. 2004 Jan 15;146(2):139-49.  
PMID: 14643966 [PubMed - indexed for MEDLINE]

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J Postgrad Med. 2003 Jul-Sep;49(3):236-45.  
PMID: 14597787 [PubMed - in process]

☐ 6: [Hashimoto M, Masliah E](#) Related Articles, Links

Cycles of aberrant synaptic sprouting and neurodegeneration in Alzheimer's and dementia with Lewy bodies.  
Neurochem Res. 2003 Nov;28(11):1743-56. Review.  
PMID: 14584828 [PubMed - indexed for MEDLINE]


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Regulation of in vitro fibril formation of synuclein mutant proteins by Hsp104p.  
Protein Pept Lett. 2003 Oct;10(5):491-5


PMID: 14561138 [PubMed - in process]


-  **9:** [Smith DH, Uryu K, Saatman KE, Trojanowski JQ, McIntosh TK.](#) [Related Articles, Links](#)

 **Protein accumulation in traumatic brain injury.**  
Neuromolecular Med. 2003;4(1-2):59-72. Review.  
PMID: 14528053 [PubMed - indexed for MEDLINE]


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Neuromolecular Med. 2003;4(1-2):49-58. Review.  
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 **Role of protein aggregation in mitochondrial dysfunction and neurodegeneration in Alzheimer's and Parkinson's diseases.**  
Neuromolecular Med. 2003;4(1-2):21-36. Review.  
PMID: 14528050 [PubMed - indexed for MEDLINE]


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
 **Overview of protein aggregation in single, double, and triple neurodegenerative brain amyloidoses.**  
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PMID: 14528048 [PubMed - indexed for MEDLINE]


-  **13:** [Uversky VN.](#) [Related Articles, Links](#)


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J Biomol Struct Dyn. 2003 Oct;21(2):211-34.  
PMID: 12956606 [PubMed - in process]


-  **15:** [Ferrer I, Hernandez I, Boada M, Llorente A, Rey MJ, Cardozo A, Ezquerro M, Puig B.](#) [Related Articles, Links](#)



















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














-  **16:** [Crystal AS, Giasson BI, Crowe A, Kung MP, Zhuang ZP, Trojanowski JQ, Lee VM.](#) [Related Articles, Links](#)


 **A comparison of amyloid fibrillogenesis using the novel fluorescent compound K114.**  
J Neurochem. 2003 Sep;86(6):1359-68.  
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 **Dissociation of amyloid fibrils of alpha-synuclein and transthyretin by pressure reveals their reversible nature and the formation of water-excluded cavities.**  
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 **Distinct cleavage patterns of normal and pathologic forms of alpha-synuclein by calpain I in vitro.**  
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-  **22:** [Yokota O, Terada S, Ishizu H, Ujike H, Ishihara T, Namba M, Hayashi Y, Nishinaka T, Namba R, Nakashima H, Ueda K, Checler F, Kuroda S.](#) Related Articles, Links  
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
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-  **30:** [Volles MJ, Lansbury PT Jr.](#) [Related Articles, Links](#)  
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-  **33:** [Der-Sarkissian A, Jao CC, Chen J, Langen R.](#) [Related Articles, Links](#)  
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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
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




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















beta-sheet structure formation of proteins in solid state as revealed by circular dichroism spectroscopy.




















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













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













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









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
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
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
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cross-linking to Alzheimer- disease \*\*\*amyloid\*\*\* beta A4 peptide.  
AU Jensen P H; Sorensen E S; Petersen T E; et al.  
CS PH Jensen, Aarhus Univ, Dept Biochem Med, DK-8000 Aarhus C, Denmark.  
SO Biochemical Journal (Aug 15, 1995), Vol. 310, pp. 91-94  
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AN 2000:319203 BIOSIS  
DN PREV200000319203  
TI Alpha- \*\*\*synuclein\*\*\* in Lewy body disease and Alzheimer's disease.  
AU Hashimoto, Makoto; Masliah, Eliezer [Reprint author]  
CS Department of Neurosciences, University of California, San Diego, La  
Jolla, CA, 92093-0624, USA  
SO Brain Pathology, (Oct., 1999) Vol. 9, No. 4, pp. 707-720. print.  
ISSN: 1015-6305.  
DT Article  
General Review; (Literature Review)  
LA English  
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TI Immunohistochemical analysis of Abeta, betaAPP, GFAP, tau, neurofilament  
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AU Grenfell, T. J. [Reprint author]; Spooner, E. [Reprint author]; Flanagan,  
L.; Iwatsubo, T.; Selkoe, D. J. [Reprint author]; Lemere, C. A. [Reprint  
author]  
CS Center for Neurologic Diseases, Brigham and Women's Hospital, Harvard  
Medical School, Boston, MA, 02115, USA  
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 1091.  
print.  
Meeting Info.: 29th Annual Meeting of the Society for Neuroscience. Miami  
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 DN PREV200000143710  
 TI Expression of NACP/ alpha- \*\*\*synuclein\*\*\* and beta- \*\*\*synuclein\*\*\*  
 /PNP14 mRNAs in cultured rat neurons.  
 AU Ishimori, H. [Reprint author]; Yoshida, K. [Reprint author]; Katayama, M.  
 [Reprint author]; Kondo, A. [Reprint author]; Shimazaki, K. [Reprint  
 author]; Kawase, T. [Reprint author]; Ueda, K.  
 CS Department of Neurosurgery School of Medicine, Keio University, Tokyo,  
 160-8582, Japan  
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 772.  
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 AN 2000:142839 BIOSIS  
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 TI Expression of alpha- \*\*\*synuclein\*\*\* and Abeta \*\*\*amyloid\*\*\* in  
 Alzheimer's and other neurodegenerative diseases.  
 AU Li, Q.-X. [Reprint author]; McLean, C. A. [Reprint author]; Campbell, B.  
 C. V. [Reprint author]; Jakala, P.; Hartmann, T.; Beyreuther, K.; Masters,  
 C. L. [Reprint author]; Culvenor, J. G. [Reprint author]  
 CS Department of Pathology, University of Melbourne, Parkville, VIC, 3052,  
 Australia  
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 592.  
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 LA English  
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 TI Alzheimer's disease: Lesions and their progression.  
 AU Duyckaerts, C. [Reprint author]; Colle, M.-A.; Delatour, B.; Hauw, J.-J.  
 CS Laboratoire de Neuropathologie R. Escourolle, Hopital de La Salpetriere,  
 47 Bd de l'Hopital, 75651, Paris Cedex 13, France  
 SO Revue Neurologique (Paris), (Nov., 1999) Vol. 155, No. Suppl. 4, pp.  
 17-27. print.  
 CODEN: RENEAM. ISSN: 0035-3787.  
 DT Article  
 General Review; (Literature Review)  
 LA French  
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 DN PREV200000067373  
 TI Potential roles of alpha1-antichymotrypsin and alpha- \*\*\*synuclein\*\*\*  
 in Alzheimer's pathogenesis assessed in bigenic mice expressing human  
 \*\*\*amyloid\*\*\* precursor proteins.  
 AU Mucke, L. [Reprint author]; Yu, G.-Q. [Reprint author]; Abraham, C. R.;  
 McConlogue, L.; Rockenstein, E. M.; Masliah, E.  
 CS Gladstone Inst. Neurological Disease, UCSF, San Francisco, CA, USA  
 SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 302.  
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AN 2000:67355 BIOSIS  
DN PREV200000067355  
TI \*\*\*Amyloid\*\*\* -associated alpha- \*\*\*synuclein\*\*\* (NACP) pathology in  
aged \*\*\*amyloid\*\*\* precursor transgenic mice.  
AU Cole, G. M. [Reprint author]; Yang, F. [Reprint author]; Ueda, K.; Beech,  
W. [Reprint author]; Chen, P.-P. [Reprint author]; Hsiao, K.  
CS Sepulveda VAMC GRECC 11E, Sepulveda, CA, USA  
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 298.  
print.

Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part  
1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for  
Neuroscience.

ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English  
ED Entered STN: 9 Feb 2000  
Last Updated on STN: 3 Jan 2002

L4 ANSWER 9 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:67248 BIOSIS  
DN PREV200000067248  
TI SENEX: A portable electronic resource for molecular neuropathology and  
medicine.  
AU Ball, S. S. [Reprint author]; Mah, V. H. [Reprint author]  
CS Dept of Medicine, UCSF/Fresno, University Medical Center, Fresno, CA, USA  
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 268.  
print.

Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part  
1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for  
Neuroscience.

ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English  
ED Entered STN: 9 Feb 2000  
Last Updated on STN: 3 Jan 2002

L4 ANSWER 10 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:66588 BIOSIS  
DN PREV200000066588  
TI Specific neurotoxic effect of alpha- \*\*\*synuclein\*\*\* fragment (NAC) on  
dopaminergic neurons.  
AU Forloni, G. [Reprint author]; Bertani, I. [Reprint author]; Calella, A. M.  
[Reprint author]; Invernizzi, R. [Reprint author]  
CS Dept. of Neuroscience, Istituto di Ricerche, Farmacologiche "Mario Negri",  
20157, Milano, Italy  
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 51.  
print.

Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part  
1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for  
Neuroscience.

ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)

LA English  
ED Entered STN: 9 Feb 2000  
Last Updated on STN: 3 Jan 2002

L4 ANSWER 11 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 2000:61029 BIOSIS  
DN PREV200000061029  
TI Role of cytochrome c as a stimulator of \*\*\*amyloid\*\*\* -like fibril  
formation of alpha- \*\*\*synuclein\*\*\* /NACP.  
AU Hashimoto, M. [Reprint author]; Takeda, A. [Reprint author]; Hsu, L.  
[Reprint author]; Takenouchi, T. [Reprint author]; Sisk, A. [Reprint  
author]; Masliah, E. [Reprint author]  
CS Dept. of Neurosciences, School of Medicine, UCSD, La Jolla, CA, USA  
SO Society for Neuroscience Abstracts, (1999) Vol. 25, No. 1-2, pp. 51.  
print.

Meeting Info.: 29th Annual Meeting of the Society for Neuroscience, Part

1. Miami Beach, Florida, USA. October 23-28, 1999. The Society for Neuroscience.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 LA English  
 ED Entered STN: 9 Feb 2000  
 Last Updated on STN: 3 Jan 2002

L4 ANSWER 12 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:35810 BIOSIS  
 DN PREV200000035810  
 TI widespread occurrence of alpha- \*\*\*synuclein\*\*\* /NACP-immunoreactive neuronal inclusions in juvenile and adult-onset Hallervorden-Spatz disease with Lewy bodies.  
 AU Wakabayashi, K. [Reprint author]; Yoshimoto, M.; Fukushima, T.; Koide, R.; Horikawa, Y.; Morita, T.; Takahashi, H.  
 CS Brain Disease Research Center, Brain Research Institute, Niigata University, 1 Asahimachi, Niigata, 951-8585, Japan  
 SO Neuropathology and Applied Neurobiology, (Oct., 1999) vol. 25, No. 5, pp. 363-368. print.  
 CODEN: NANEDL. ISSN: 0305-1846.  
 DT Article  
 LA English  
 ED Entered STN: 19 Jan 2000  
 Last Updated on STN: 31 Dec 2001

L4 ANSWER 13 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 2000:769 BIOSIS  
 DN PREV200000000769  
 TI Non-Abeta component of Alzheimer's disease \*\*\*amyloid\*\*\* (NAC) revisited: NAC and alpha- \*\*\*synuclein\*\*\* are not associated with Abeta \*\*\*amyloid\*\*\*.  
 AU Culvenor, Janetta G.; McLean, Catriona A.; Cutt, Sally; Campbell, Bruce C. V.; Maher, Fran; Jakala, Pekka; Hartmann, Tobias; Beyreuther, Konrad; Masters, Colin L. [Reprint author]; Li, Qiao-Xin  
 CS Department of Pathology, University of Melbourne, Parkville, VIC, 3052, Australia  
 SO American Journal of Pathology, (Oct., 1999) vol. 155, No. 4, pp. 1173-1181. print.  
 CODEN: AJPA44. ISSN: 0002-9440.  
 DT Article  
 LA English  
 ED Entered STN: 23 Dec 1999  
 Last Updated on STN: 31 Dec 2001

L4 ANSWER 14 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:533303 BIOSIS  
 DN PREV199900533303  
 TI Cellular co-localization of phosphorylated tau- and NACP/alpha- \*\*\*synuclein\*\*\* -epitopes in Lewy bodies in sporadic Parkinson's disease and in dementia with Lewy bodies.  
 AU Arima, Kunimasa [Reprint author]; Hirai, Shigeo; Sunohara, Nobuhiko; Aoto, Kazuko; Izumiyama, Yoko; Ueda, Kenji; Ikeda, Kazuhiko; Kawai, Mitsuru  
 CS Department of Ultrastructure and Histochemistry, Tokyo Institute of Psychiatry, 2-1-8 Kamikitazawa, Setagaya-ku, Tokyo, 156-8585, Japan  
 SO Brain Research, (Oct. 2, 1999) vol. 843, No. 1-2, pp. 53-61. print.  
 CODEN: BRREAP. ISSN: 0006-8993.  
 DT Article  
 LA English  
 ED Entered STN: 10 Dec 1999  
 Last Updated on STN: 10 Dec 1999

L4 ANSWER 15 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:526779 BIOSIS  
 DN PREV199900526779  
 TI Role of cytochrome c as a stimulator of alpha- \*\*\*synuclein\*\*\* aggregation in Lewy body disease.  
 AU Hashimoto, Makoto; Takeda, Ayako; Hsu, Leigh J.; Takenouchi, Takato; Masliah, Eliezer [Reprint author]  
 CS Dept. of Neurosciences, University of California San Diego, La Jolla, CA, 92093-0624, USA  
 SO Journal of Biological Chemistry, (Oct. 8, 1999) vol. 274, No. 41, pp. 28849-28852. print.  
 CODEN: JBCHA3. ISSN: 0021-9258.  
 DT Article

LA English  
 ED Entered STN: 10 Dec 1999  
 Last Updated on STN: 5 Jun 2000

L4 ANSWER 16 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:392033 BIOSIS  
 DN PREV199900392033  
 TI Pathways to primary neurodegenerative disease.  
 AU Hardy, John [Reprint author]  
 CS Department of Research, Mayo Clinic Jacksonville, 4500 San Pablo Rd,  
 Jacksonville, FL, 32224, USA  
 SO Mayo Clinic Proceedings, (Aug., 1999) Vol. 74, No. 8, pp. 835-837. print.  
 CODEN: MACPAJ. ISSN: 0025-6196.  
 DT Article  
 LA English  
 ED Entered STN: 28 Sep 1999  
 Last Updated on STN: 28 Sep 1999

L4 ANSWER 17 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:341070 BIOSIS  
 DN PREV199900341070  
 TI Copper(II)-induced self-oligomerization of alpha- **\*\*\*synuclein\*\*\***.  
 AU Paik, Seung R. [Reprint author]; Shin, Hyun-Ju; Lee, Ju-Hyun; Chang,  
 Chung-Soon; Kim, Jongsun  
 CS Department of Biochemistry, College of Medicine, Inha University, 253  
 Yonghyun-Dong, Nam-Ku, Incheon, 402-751, South Korea  
 SO Biochemical Journal, (June 15, 1999) Vol. 340, No. 3, pp. 821-828. print.  
 ISSN: 0264-6021.  
 DT Article  
 LA English  
 ED Entered STN: 24 Aug 1999  
 Last Updated on STN: 24 Aug 1999

L4 ANSWER 18 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:292891 BIOSIS  
 DN PREV199900292891  
 TI alpha- **\*\*\*synuclein\*\*\*** accumulates in Lewy bodies in Parkinson's  
 disease and dementia with Lewy bodies but not in Alzheimer's disease beta-  
**\*\*\*amyloid\*\*\*** plaque cores.  
 AU Bayer, Thomas A. [Reprint author]; Jaekaelae, Pekka; Hartmann, Tobias;  
 Havas, Laszlo; McLean, Catriona; Culvenor, Janetta G.; Li, Qiao-Xin;  
 Masters, Colin L.; Falkai, Peter; Beyreuther, Konrad  
 CS Department of Psychiatry, University of Bonn Medical Center,  
 Sigmund-Freud-Strasse 25, 53105, Bonn, Germany  
 SO Neuroscience Letters, (May 14, 1999) Vol. 266, No. 3, pp. 213-216. print.  
 CODEN: NELED5. ISSN: 0304-3940.  
 DT Article  
 LA English  
 ED Entered STN: 5 Aug 1999  
 Last Updated on STN: 5 Aug 1999

L4 ANSWER 19 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:257214 BIOSIS  
 DN PREV199900257214  
 TI Oxidative stress induces **\*\*\*amyloid\*\*\*** -like aggregate formation of  
 NACP/alpha- **\*\*\*synuclein\*\*\*** in vitro.  
 AU Hashimoto, Makoto; Hsu, Leigh J.; Xia, Yu; Takeda, Ayako; Sisk, Abbyann;  
 Sundsmo, Mary; Masliah, Eliezer [Reprint author]  
 CS Department of Neurosciences, University of California San Diego, La Jolla,  
 CA, 92093-0624, USA  
 SO Neuroreport, (March 17, 1999) vol. 10, No. 4, pp. 717-721. print.  
 CODEN: NERPEZ. ISSN: 0959-4965.  
 DT Article  
 LA English  
 ED Entered STN: 2 Jul 1999  
 Last Updated on STN: 2 Jul 1999

L4 ANSWER 20 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:80196 BIOSIS  
 DN PREV199900080196  
 TI Characterization of the PS/APP transgenic mouse model for Alzheimer's  
 disease.  
 AU Duff, K. [Reprint author]; Knight, H.; Hernandez, D.; Zehr, C.; Sanders,  
 S.; Yu, X.; Hsiao, K.; Farrer, M.; McGowan, E.  
 CS Mayo Clinic, Jacksonville, FL 32224, USA  
 SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1502.

print.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 2. Los Angeles, California, USA. November 7-12, 1998.  
ISSN: 0190-5295.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Slide)

LA English

ED Entered STN: 1 Mar 1999  
Last Updated on STN: 1 Mar 1999

L4 ANSWER 21 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:64839 BIOSIS  
DN PREV199900064839  
TI alpha- \*\*\*\*synuclein\*\*\*\* in multiple system atrophy.  
AU Gai, W. P. [Reprint author]; Power, J. H. T.; Blumbergs, P. C.; Blessing, W. W.  
CS Dep. Med., Flinders Univ., South Australia 5042, Australia  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 967.  
print.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 1. Los Angeles, California, USA. November 7-12, 1998. Society for Neuroscience.  
ISSN: 0190-5295.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)

LA English

ED Entered STN: 16 Feb 1999  
Last Updated on STN: 16 Feb 1999

L4 ANSWER 22 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:57351 BIOSIS  
DN PREV199900057351  
TI Mutation in the alpha- \*\*\*\*synuclein\*\*\*\* gene among sporadic Parkinson's disease, Alzheimer's disease and dementia with Lewy bodies.  
AU Matsui, T. [Reprint author]; Higuchi, S.; Arai, H.; Matsushita, S.; Higuchi, M.; Okamura, N.; Muramatsu, T.; Sasaki, H.  
CS Dep. Geriatric Med., Tohoku Univ. Sch. Med., Sendai, Japan  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 967.  
print.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part 1. Los Angeles, California, USA. November 7-12, 1998. Society for Neuroscience.  
ISSN: 0190-5295.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)

LA English

ED Entered STN: 16 Feb 1999  
Last Updated on STN: 16 Feb 1999

L4 ANSWER 23 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:24729 BIOSIS  
DN PREV199900024729  
TI Steroid hormones block \*\*\*\*amyloid\*\*\*\* fibril-induced 3-(4,5-dimethylthiazol-2-yl)-2,5-diphenyltetrazolium bromide (MTT) formazan exocytosis: Relationship to neurotoxicity.  
AU Liu, Yuanbin; Schubert, David [Reprint author]  
CS Cell. Neurobiol. Lab., Salk Inst. Biol. Studies, 10010 N. Torrey Pines Rd., La Jolla, CA 92037-1099, USA  
SO Journal of Neurochemistry, (Dec., 1998) Vol. 71, No. 6, pp. 2322-2329.  
print.  
CODEN: JONRA9. ISSN: 0022-3042.

DT Article

LA English

ED Entered STN: 20 Jan 1999  
Last Updated on STN: 9 Apr 1999

L4 ANSWER 24 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1999:16852 BIOSIS  
DN PREV199900016852  
TI Aggregates from mutant and wild-type alpha- \*\*\*\*synuclein\*\*\*\* proteins and NAC peptide induce apoptotic cell death in human neuroblastoma cells by formation of beta-sheet and \*\*\*\*amyloid\*\*\*\* -like filaments.  
AU El-Agnaf, Omar M. A. [Reprint author]; Jakes, Ross; Curran, Martin D.;



Middleton, Derek; Ingenito, Raffaele; Bianchi, Elisabetta; Pessi, Antonello; Neill, David; Wallace, Andrew  
 CS Centre Peptide Protein Eng., Sch. Biol. Biochem., Queen's Univ. Belfast, 97 Lisburn Rd., Belfast BT9 7BL, UK  
 SO FEBS Letters, (Nov. 27, 1998) Vol. 440, No. 1-2, pp. 71-75. print.  
 CODEN: FEBLAL. ISSN: 0014-5793.  
 DT Article  
 LA English  
 ED Entered STN: 20 Jan 1999  
 Last Updated on STN: 20 Jan 1999

L4 ANSWER 25 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:16851 BIOSIS  
 DN PREV199900016851  
 TI Effects of the mutations Ala30 to Pro and Ala53 to Thr on the physical and morphological properties of alpha- \*\*\*synuclein\*\*\* protein implication in Parkinson's disease.  
 AU El-Agnaf, Omar M. A. [Reprint author]; Jakes, Ross; Curran, Martin D.; Wallace, Andrew  
 CS Centre Peptide Protein Eng., Sch. Biol. Biochem., Queen's Univ. Belfast, 97 Lisburn Rd., Belfast BT9 7BL, UK  
 SO FEBS Letters, (Nov. 27, 1998) Vol. 440, No. 1-2, pp. 67-70. print.  
 CODEN: FEBLAL. ISSN: 0014-5793.  
 DT Article  
 LA English  
 ED Entered STN: 20 Jan 1999  
 Last Updated on STN: 20 Jan 1999

L4 ANSWER 26 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:8409 BIOSIS  
 DN PREV199900008409  
 TI Lewy bodies contain altered alpha- \*\*\*synuclein\*\*\* in brains of many familial Alzheimer's disease patients with mutations in presenilin and \*\*\*amyloid\*\*\* precursor protein genes.  
 AU Lipka, Carol F. [Reprint author]; Fujiwara, Hideo; Mann, David M. A.; Giasson, Benoit; Baba, Minami; Schmidt, Marie L.; Nee, Linda E.; O'Connell, Brendan; Pollen, Dan A.; George-Hyslop, Peter St.; Ghetti, Bernardino; Nochlin, David; Bird, Thomas D.; Cairns, Nigel J.; Lee, Virginia M.-Y.; Iwatsubo, Takeshi; Trojanowski, John Q.  
 CS Dep. Neurol., Allegheny Univ. Health Sci., 3300 Henry Ave., Philadelphia, PA 19129, USA  
 SO American Journal of Pathology, (Nov., 1998) Vol. 153, No. 5, pp. 1365-1370. print.  
 CODEN: AJPA44. ISSN: 0002-9440.  
 DT Article  
 LA English  
 ED Entered STN: 11 Jan 1999  
 Last Updated on STN: 11 Jan 1999

L4 ANSWER 27 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:4183 BIOSIS  
 DN PREV199900004183  
 TI Accumulation of alpha- \*\*\*synuclein\*\*\* /NACP is a cytopathological feature common to Lewy body disease and multiple system atrophy.  
 AU Wakabayashi, Koichi [Reprint author]; Hayashi, Shintaro; Kakita, Akiyoshi; Yamada, Mitsunori; Toyoshima, Yasuko; Yoshimoto, Makoto; Takahashi, Hitoshi  
 CS Brain Dis. Res. Cent., Brain Res. Inst., Niigata Univ., 1 Asahimachi, Niigata 951-8585, Japan  
 SO Acta Neuropathologica, (Nov., 1998) Vol. 96, No. 5, pp. 445-452. print.  
 CODEN: ANPTAL. ISSN: 0001-6322.  
 DT Article  
 LA English  
 ED Entered STN: 11 Jan 1999  
 Last Updated on STN: 11 Jan 1999

L4 ANSWER 28 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1999:4182 BIOSIS  
 DN PREV199900004182  
 TI NACP/alpha- \*\*\*synuclein\*\*\* immunoreactivity in fibrillary components of neuronal and oligodendroglial cytoplasmic inclusions in the pontine nuclei in multiple system atrophy.  
 AU Arima, Kunimasa [Reprint author]; Ueda, Kenji; Sunohara, Nobuhiko; Arakawa, Kenji; Hirai, Shigeo; Nakamura, Minako; Tono-zuka-Uehara, Haruko; Kawai, Mitsuru  
 CS Dep. Ultrastructure Histochem., Tokyo Inst. Psychiatry, 2-1-8

Kamikitazawa, Setagaya-ku, Tokyo 156-8585, Japan  
 SO Acta Neuropathologica, (Nov., 1998) Vol. 96, No. 5, pp. 439-444. print.  
 CODEN: ANPTAL. ISSN: 0001-6322.  
 DT Article  
 LA English  
 ED Entered STN: 11 Jan 1999  
 Last Updated on STN: 11 Jan 1999

L4 ANSWER 29 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:514146 BIOSIS  
 DN PREV199800514146  
 TI Comparisons of the NACP self-oligomerizations induced by Abeta25-35 in the  
 presence of dicyclohexylcarbodiimide and N-(ethoxycarbonyl)-2-ethoxy-1,2-  
 dihydroquinoline.  
 AU Lee, Ju-Hyun; Shin, Hyun-Ju; Chang, Chung-Soon; Paik, Seung R. [Reprint  
 author]  
 CS Dep. Biochem., Coll. Med., Inha Univ., 253 Yonghyun-Dong, Nam-Ku, Incheon  
 402-751, South Korea  
 SO Neurochemical Research, (Nov., 1998) Vol. 23, No. 11, pp. 1427-1434.  
 print.  
 CODEN: NEREDZ. ISSN: 0364-3190.  
 DT Article  
 LA English  
 ED Entered STN: 18 Dec 1998  
 Last Updated on STN: 18 Dec 1998

L4 ANSWER 30 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:484114 BIOSIS  
 DN PREV199800484114  
 TI Abnormal distribution of the non-Abeta component of Alzheimer's disease  
 \*\*\*amyloid\*\*\* precursor/alpha- \*\*\*synuclein\*\*\* in Lewy body disease  
 as revealed by proteinase K and formic acid pretreatment.  
 AU Takeda, Ayako; Hashimoto, Makoto; Mallory, Margaret; Sundsumo, Mary;  
 Hansen, Lawrence; Sisk, Abbyanne; Masliah, Eliezer [Reprint author]  
 CS Dep. Neurosci., Univ. California San Diego, La Jolla, CA 92093-0624, USA  
 SO Laboratory Investigation, (Sept., 1998) Vol. 78, No. 9, pp. 1169-1177.  
 print.  
 CODEN: LAINAW. ISSN: 0023-6837.  
 DT Article  
 LA English  
 ED Entered STN: 5 Nov 1998  
 Last Updated on STN: 5 Nov 1998

L4 ANSWER 31 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:472761 BIOSIS  
 DN PREV199800472761  
 TI The \*\*\*synuclein\*\*\* family.  
 AU Lavedan, Christian [Reprint author]  
 CS Genetic Dis. Res. Branch, National Human Genome Res. Inst., National Inst.  
 Health, Bethesda, MD 20892, USA  
 SO Genome Research, (Sept., 1998) Vol. 8, No. 9, pp. 871-880. print.  
 ISSN: 1088-9051.  
 DT Article  
 General Review; (Literature Review)  
 LA English  
 ED Entered STN: 5 Nov 1998  
 Last Updated on STN: 5 Nov 1998

L4 ANSWER 32 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:451822 BIOSIS  
 DN PREV199800451822  
 TI Lewy body in neurodegeneration with brain iron accumulation type 1 is  
 immunoreactive for alpha- \*\*\*synuclein\*\*\*.  
 AU Arawaka, S.; Saito, Y.; Murayama, S.; Mori, H. [Reprint author]  
 CS Dep. Mol. Biol., Tokyo Inst. Psychiatry, 2-1-8 Kamikitazawa, Setagayaku,  
 Tokyo 156, Japan  
 SO Neurology, (Sept., 1998) Vol. 51, No. 3, pp. 887-889. print.  
 CODEN: NEURAI. ISSN: 0028-3878.  
 DT Article  
 LA English  
 ED Entered STN: 21 Oct 1998  
 Last Updated on STN: 21 Oct 1998

L4 ANSWER 33 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:395346 BIOSIS  
 DN PREV199800395346

TI Human recombinant NACP/alpha- \*\*\*synuclein\*\*\* in aggregated and  
 fibrillated in vitro: Relevance for Lewy body disease.  
 AU Hashimoto, Makoto; Hsu, Leigh J.; Sisk, Abbyanne; Xia, Yu; Takeda, Ayako;  
 Sundsmo, Mary; Masliah, Eliezer [Reprint author]  
 CS Dep. Neurosci., Univ. California San Diego, La Jolla, CA 92093-0624, USA  
 SO Brain Research, (July 20, 1998) Vol. 799, No. 2, pp. 301-306. print.  
 CODEN: BRREAP. ISSN: 0006-8993.  
 DT Article  
 LA English  
 ED Entered STN: 10 Sep 1998  
 Last Updated on STN: 10 Sep 1998

L4 ANSWER 34 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:350400 BIOSIS  
 DN PREV199800350400  
 TI Expression pattern of \*\*\*synucleins\*\*\* (non-Abeta component of  
 Alzheimer's disease \*\*\*amyloid\*\*\* precursor protein/alpha-  
 \*\*\*synuclein\*\*\* ) during murine brain development.  
 AU Hsu, Leigh J.; Mallory, Margaret; Xia, Yu; Veinbergs, Isaac; Hashimoto,  
 Makoto; Thal, Leon J.; Saitoh, Tsunao; Masliah, Eliezer [Reprint author]  
 CS Dep. Neurosci., Univ. Calif.-San Diego, 9500 Gilman Dr., La Jolla, CA  
 92093-0624, USA  
 SO Journal of Neurochemistry, (July, 1998) Vol. 71, No. 1, pp. 338-344.  
 print.  
 CODEN: JONRA9. ISSN: 0022-3042.  
 DT Article  
 LA English  
 ED Entered STN: 13 Aug 1998  
 Last Updated on STN: 13 Aug 1998

L4 ANSWER 35 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:307176 BIOSIS  
 DN PREV199800307176  
 TI The \*\*\*synucleins\*\*\* : A family of proteins involved in synaptic  
 function, plasticity, neurodegeneration and disease.  
 AU Clayton, David F.; George, Julia M.  
 CS Beckman Inst., Dep. Cell and Structural Biol., Univ. Illinois, Urbana, IL  
 61801, USA  
 SO Trends in Neurosciences, (June, 1998) Vol. 21, No. 6, pp. 249-254. print.  
 CODEN: TNSCDR. ISSN: 0166-2236.  
 DT Article  
 General Review; (Literature Review)  
 LA English  
 ED Entered STN: 15 Jul 1998  
 Last Updated on STN: 15 Jul 1998

L4 ANSWER 36 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:274891 BIOSIS  
 DN PREV199800274891  
 TI Changes in presynaptic protein NACP/alpha- \*\*\*synuclein\*\*\* in an  
 ischemic gerbil hippocampus.  
 AU Ishimaru, Hirohisa [Reprint author]; Ueda, Kenji; Takahashi, Akira;  
 Maruyama, Yuji  
 CS Dep. Neuropsychopharmacol., Gunma Univ. Sch. Med., 3-39-22 Showa-machi,  
 Maebashi-shi, Gunma 371, Japan  
 SO Brain Research, (March 30, 1998) Vol. 788, No. 1-2, pp. 311-314. print.  
 CODEN: BRREAP. ISSN: 0006-8993.  
 DT Article  
 LA English  
 ED Entered STN: 24 Jun 1998  
 Last Updated on STN: 24 Jun 1998

L4 ANSWER 37 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1998:138728 BIOSIS  
 DN PREV199800138728  
 TI Abnormal accumulation of NACP/alpha- \*\*\*synuclein\*\*\* in  
 neurodegenerative disorders.  
 AU Takeda, Ayako; Mallory, Margaret; Sundsmo, Mary; Honer, William; Hansen,  
 Lawrence; Masliah, Eliezer [Reprint author]  
 CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA  
 SO American Journal of Pathology, (Feb., 1998) Vol. 152, No. 2, pp. 367-372.  
 print.  
 CODEN: AJPA44. ISSN: 0002-9440.  
 DT Article  
 LA English  
 ED Entered STN: 20 Mar 1998

Last Updated on STN: 20 Mar 1998

L4 ANSWER 38 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:124520 BIOSIS  
DN PREV199800124520  
TI Self-oligomerization of NACP, the precursor protein of the non-  
\*\*\*amyloid\*\*\* beta/A4 protein (Abeta) component of Alzheimer's disease  
\*\*\*amyloid\*\*\*, observed in the presence of a C-terminal Abeta fragment  
(residues 25-35).  
AU Paik, Seung R. [Reprint author]; Lee, Ju-Hyun; Kim, Do-Hyung; Chang,  
Chung-Soon; Kim, Young-Sik  
CS Dep. Biochem., Coll. Med., Inha Univ., 235 Yonghyun-Dong, Nam-Ku, Incheon  
402-751, South Korea  
SO FEBS Letters, (Jan. 2, 1998) Vol. 421, No. 1, pp. 73-76. print.  
CODEN: FEBLAL. ISSN: 0014-5793.  
DT Article  
LA English  
ED Entered STN: 5 Mar 1998  
Last Updated on STN: 5 Mar 1998

L4 ANSWER 39 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1998:124384 BIOSIS  
DN PREV199800124384  
TI NACP, a presynaptic protein, immunoreactivity in Lewy bodies in  
Parkinson's disease.  
AU Wakabayashi, Koichi [Reprint author]; Matsumoto, Kayo; Takayama, Kiyoshi;  
Yoshimoto, Makoto; Takahashi, Hitoshi  
CS Brain Disease Research Cent., Niigata Univ., 1 Asahimachi, Niigata  
951-8585, Japan  
SO Neuroscience Letters, (Dec. 12, 1997) Vol. 239, No. 1, pp. 45-48. print.  
CODEN: NELED5. ISSN: 0304-3940.  
DT Article  
LA English  
ED Entered STN: 5 Mar 1998  
Last Updated on STN: 5 Mar 1998

L4 ANSWER 40 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:468105 BIOSIS  
DN PREV199799767308  
TI \*\*\*Synuclein\*\*\* /NACP mRNA expression in rat hippocampus and cerebral  
cortex during development.  
AU Petersen, K. [Reprint author]; Olesen, O. F. [Reprint author]; Perregaard,  
J. K.; Mikkelsen, J. D. [Reprint author]  
CS Dep. Neurobiol., H. Lundbeck A/S, Ottiliavej 9, 2500 Valby-Copenhagen,  
Denmark  
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.  
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part  
1. New Orleans, Louisiana, USA. October 25-30, 1997.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 4 Nov 1997  
Last Updated on STN: 4 Nov 1997

L4 ANSWER 41 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:468104 BIOSIS  
DN PREV199799767307  
TI NACP/alpha- \*\*\*synuclein\*\*\* gene promoter is up-regulated by intron 5  
TC-rich polymorphic sequences.  
AU Xia, Y.; Hsu, L.; Hashimoto, M.; Kang, D.; Chen, X.; Sundsmo, M.; Thal,  
L.; Masliah, E.; Katzman, R.  
CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA  
SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.  
Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part  
1. New Orleans, Louisiana, USA. October 25-30, 1997.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 4 Nov 1997  
Last Updated on STN: 4 Nov 1997

L4 ANSWER 42 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN

AN 1997:468103 BIOSIS  
 DN PREV199799767306  
 TI Expression and distribution of NACP/alpha- \*\*\*synuclein\*\*\* in murine development.  
 AU Hsu, L. J.; Xia, Y.; Hashimoto, M.; Mallory, M.; Veinbergs, I.; Miller, A.; Thal, L.; Masliah, E.  
 CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 4 Nov 1997  
 Last Updated on STN: 4 Nov 1997

L4 ANSWER 43 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:468102 BIOSIS  
 DN PREV199799767305  
 TI Analysis of the proteolysis of NACP, the precursor of a non-A-beta component of Alzheimer's disease (AD) \*\*\*amyloid\*\*\* in the megakaryocyte and platelets system.  
 AU Hashimoto, M.; Hsu, L.; Xia, Y.; Yoshimoto, M.; Sundsmo, M.; Masliah, E.  
 CS Neurosci. Dep., Sch. Med., UCSD, La Jolla, CA 92093-0624, USA  
 SO Society for Neuroscience Abstracts, (1997) Vol. 23, No. 1-2, pp. 267.  
 Meeting Info.: 27th Annual Meeting of the Society for Neuroscience, Part 1. New Orleans, Louisiana, USA. October 25-30, 1997.  
 ISSN: 0190-5295.  
 DT Conference; (Meeting)  
 Conference; Abstract; (Meeting Abstract)  
 Conference; (Meeting Poster)  
 LA English  
 ED Entered STN: 4 Nov 1997  
 Last Updated on STN: 4 Nov 1997

L4 ANSWER 44 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:458063 BIOSIS  
 DN PREV199799757266  
 TI NACP, a synaptic protein involved in Alzheimer's disease, is differentially regulated during megakaryocyte differentiation.  
 AU Hashimoto, Makoto; Yoshimoto, Makoto; Sisk, Abbyanne; Hsu, Leigh J.; Sundsmo, Mary; Kittel, Agnes; Saitoh, Tsunao; Miller, Aida; Masliah, Eliezer [Reprint author]  
 CS Dep. Neurosci., Univ. Calif. San Diego, La Jolla, CA 92093-0624, USA  
 SO Biochemical and Biophysical Research Communications, (1997) Vol. 237, No. 3, pp. 611-616.  
 CODEN: BBRC9. ISSN: 0006-291X.  
 DT Article  
 LA English  
 ED Entered STN: 27 Oct 1997  
 Last Updated on STN: 27 Oct 1997

L4 ANSWER 45 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:453928 BIOSIS  
 DN PREV199799753131  
 TI Genetics of Parkinson's disease.  
 AU Nussbaum, Robert L. [Reprint author]; Polymeropoulos, Mihael H.  
 CS Lab. Genetic Dis. Res., Natl. Human Genome Res. Inst., Bethesda, MD 20892-4472, USA  
 SO Human Molecular Genetics, (1997) Vol. 6, No. 10, pp. 1687-1691.  
 ISSN: 0964-6906.  
 DT Article  
 General Review; (Literature Review)  
 LA English  
 ED Entered STN: 27 Oct 1997  
 Last Updated on STN: 27 Oct 1997

L4 ANSWER 46 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
 AN 1997:243749 BIOSIS  
 DN PREV199799542952  
 TI Binding of A-beta to alpha- and beta- \*\*\*synucleins\*\*\* : Identification of segments in alpha- \*\*\*synuclein\*\*\* / \*\*\*NAC\*\*\* precursor that bind A-beta and NAC.  
 AU Jensen, Poul H. [Reprint author]; Hojrup, Peter; Hager, Henrik; Nielsen,

CS Morten S.; Jacobsen, Linda; Olesen, Ole F.; Gliemann, Jorgen; Jakes, Ross  
Dep. Med. Biochem., Univ. Aarhus, Ole Worms Alle, Build. 170, DK-8000  
Aarhus C, Denmark  
SO Biochemical Journal, (1997) Vol. 323, No. 2, pp. 539-546.  
ISSN: 0264-6021.  
DT Article  
LA English  
ED Entered STN: 13 Jun 1997  
Last Updated on STN: 13 Jun 1997

L4 ANSWER 47 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1997:207476 BIOSIS  
DN PREV199799506679  
TI Delayed localization of synelfin ( \*\*\*synuclein\*\*\* , NACP) to  
presynaptic terminals in cultured rat hippocampal neurons.  
AU Withers, Ginger S.; George, Julia M. [Reprint author]; Banker, Gary A.;  
Clayton, David F.  
CS Dep. Cell Structural Biol., Univ. Illinois, 506 Morrill Hall, 505 S.  
Goodwin Ave., Urbana, IL 61801, USA  
SO Developmental Brain Research, (1997) Vol. 99, No. 1, pp. 87-94.  
CODEN: DBRRDB. ISSN: 0165-3806.  
DT Article  
LA English  
ED Entered STN: 12 May 1997  
Last Updated on STN: 12 May 1997

L4 ANSWER 48 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:548415 BIOSIS  
DN PREV199699270771  
TI NACP, the non-A-beta component precursor protein of Alzheimer's disease  
\*\*\*amyloid\*\*\* is abundantly expressed in platelets.  
AU Kittel, A.; Hashimoto, M.; Sundsmo, M.; Yoshimoto, M.; Saitoh, T.  
CS Dep. Cell Biol., Inst. Exp. Med., Hungary Acad. Sci., POB 67, Budapest  
1450, Hungary  
SO Society for Neuroscience Abstracts, (1996) Vol. 22, No. 1-3, pp. 1893.  
Meeting Info.: 26th Annual Meeting of the Society for Neuroscience.  
Washington, D.C., USA. November 16-21, 1996.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 13 Dec 1996  
Last Updated on STN: 23 Jan 1997

L4 ANSWER 49 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:466030 BIOSIS  
DN PREV199699188386  
TI Genetic studies in Alzheimer's disease with an NACP/alpha-  
\*\*\*synuclein\*\*\* polymorphism.  
AU Xia, Yu; De Silva, H. A. Rohan; Rosi, Barbara L.; Yamaoka, Larry H.;  
Rimmler, Jacqueline B.; Pericak-Vance, Margaret A.; Roses, Allen D.; Chen,  
Xiaohua; Masliah, Eliezer; Deteresa, Richard; Iwai, Akihiko; Sundsmo,  
Mary; Thomas, Ronald G.; Hofstetter, C. Richard; Gregory, Ethan; Hansen,  
L. A.; Katzman, R.; Thal, L. J.; Saitoh, T.  
CS Robert Katzman, Dep. Neurosci., Sch. Med., UCSD, La Jolla, CA 92093-0949,  
USA  
SO Annals of Neurology, (1996) Vol. 40, No. 2, pp. 207-215.  
CODEN: ANNED3. ISSN: 0364-5134.  
DT Article  
LA English  
ED Entered STN: 11 Oct 1996  
Last Updated on STN: 11 Oct 1996

L4 ANSWER 50 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:453271 BIOSIS  
DN PREV199699175627  
TI NACP/a- \*\*\*synuclein\*\*\* stimulates fibril formation of beta/A4 protein  
in vitro.  
AU Takeda, K. [Reprint author]; Kozono, H. [Reprint author]; Arai, M.  
[Reprint author]; Hossain, S. [Reprint author]; Hoshi, A. [Reprint  
author]; Kaji, H. [Reprint author]; Sano, K.; Hotchi, M.; Miyanaga, K.;  
Ueda, K.; Shinoda, T. [Reprint author]  
CS Dep. Biochem., Tokyo Metropolitan University, Hachioji, Tokyo 192-03,  
Japan  
SO Neurobiology of Aging, (1996) Vol. 17, No. 4 SUPPL., pp. S174.

Meeting Info.: Fifth International Conference on Alzheimer's Disease and Related Disorders. Osaka, Japan. July 24-29, 1996.

CODEN: NEAGDO. ISSN: 0197-4580.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 7 Oct 1996  
Last Updated on STN: 7 Oct 1996

L4 ANSWER 51 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1996:424983 BIOSIS  
DN PREV199699156039  
TI Characterization of the precursor protein of the non-A-beta component of senile plaques (NACP) in the human central nervous system.  
AU Irizarry, Michael C.; Kim, Tae-Wan; McNamara, Megan; Tanzi, Rudolph E.; George, Julia M.; Clayton, David F.; Hyman, Bradley T. [Reprint author]  
CS Neurol., Massachusetts Gen. Hosp., Boston, MA 02114, USA  
SO Journal of Neuropathology and Experimental Neurology, (1996) Vol. 55, No. 8, pp. 889-895.

CODEN: JNENAD. ISSN: 0022-3069.

DT Article  
LA English  
ED Entered STN: 26 Sep 1996  
Last Updated on STN: 26 Sep 1996

L4 ANSWER 52 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:448668 BIOSIS  
DN PREV199598462968  
TI High-resolution mapping of SNCA encoding alpha- \*\*\*\*synuclein\*\*\*\*, the non-A-beta component of Alzheimer's disease \*\*\*\*amyloid\*\*\*\* precursor, to human chromosome 4q21.3 fwdarw q22 by fluorescence in situ hybridization.

AU Shibasaki, Y. [Reprint author]; Baillie, D. A. M.; St Clair, D.; Brookes, A. J.  
CS MRC Human Genet. Unit, Western Gen. Hosp., Crewe Rd., Edinburgh EH4 2XU, UK  
SO Cytogenetics and Cell Genetics, (1995) Vol. 71, No. 1, pp. 54-55.  
CODEN: CGCGBR. ISSN: 0301-0171.

DT Article  
LA English  
ED Entered STN: 27 Oct 1995  
Last Updated on STN: 27 Oct 1995

L4 ANSWER 53 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:252614 BIOSIS  
DN PREV199598266914  
TI The Human NACP/alpha- \*\*\*\*Synuclein\*\*\*\* Gene: Chromosome Assignment to 4q21.3-q22 and TaqI RFLP analysis.  
AU Chen, Xiaohua; Rohan De Silva, H. A.; Pettenati, Mark J.; Rao, P. Nagesh; St George-Hyslop, Peter; Roses, Allen D.; Xia, Yu; Horsburgh, Karen; Ueda, Kenji; Saitoh, Tsunao [Reprint author]  
CS Dep. Neurosci. Sch. Med., Univ. California San Diego, La Jolla, CA 92093-0624, USA  
SO Genomics, (1995) Vol. 26, No. 2, pp. 425-427.

CODEN: GNMCEP. ISSN: 0888-7543.

DT Article  
LA English  
ED Entered STN: 13 Jun 1995  
Last Updated on STN: 13 Jun 1995

L4 ANSWER 54 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1995:252594 BIOSIS  
DN PREV199598266894

TI The NACP/ \*\*\*\*Synuclein\*\*\*\* Gene: Chromosomal Assignment and Screening for Alterations in Alzheimer Disease.  
AU Campion, Dominique; Martin, Cosette; Heilig, Roland; Charbonnier, Françoise; Moreau, Viviane; Flaman, Jean Michel; Petit, Jean Louis; Hannequin, Didier; Bruce, Alexis; Frebourg, Thierry [Reprint author]  
CS Unite Genetique Mol., CHU Rouen, 1 rue Germont, 76031 Rouen Cedex, France  
SO Genomics, (1995) Vol. 26, No. 2, pp. 254-257.

CODEN: GNMCEP. ISSN: 0888-7543.

DT Article  
LA English  
ED Entered STN: 13 Jun 1995  
Last Updated on STN: 13 Jun 1995

L4 ANSWER 55 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1994:549664 BIOSIS  
DN PREV199598009212  
TI \*\*\*Synuclein\*\*\* proteins and Alzheimer's disease.  
AU Brookes, Anthony J.; St Clair, David  
CS MRC Human Genet. Unit, Western Gen. Hosp., Crewe Road, Edinburgh EH4 2XU,  
UK  
SO Trends in Neurosciences, (1994) Vol. 17, No. 10, pp. 404-405.  
CODEN: TNSCDR. ISSN: 0166-2236.  
DT Article  
LA English  
ED Entered STN: 22 Dec 1994  
Last Updated on STN: 22 Dec 1994

L4 ANSWER 56 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1994:526291 BIOSIS  
DN PREV199497539291  
TI Is the NACP/ \*\*\*Synuclein\*\*\* gene involved in early-onset Alzheimer's  
disease?.  
AU Campion, D. [Reprint author]; Frebourg, T.; Clerget-Darpoux, F. [Reprint  
author]; Group, French Alzheimer Collaborative  
CS INSERM U155, Paris, France  
SO American Journal of Human Genetics, (1994) Vol. 55, No. 3 SUPPL., pp.  
A356.  
Meeting Info.: 44th Annual Meeting of the American Society of Human  
Genetics. Montreal, Quebec, Canada. October 18-22, 1994.  
CODEN: AJHGAG. ISSN: 0002-9297.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 3 Dec 1994  
Last Updated on STN: 3 Dec 1994

L4 ANSWER 57 OF 143 BIOSIS COPYRIGHT 2004 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1994:385877 BIOSIS  
DN PREV199497398877  
TI Identification of two distinct \*\*\*synucleins\*\*\* from human brain.  
AU Jakes, Ross [Reprint author]; Spillantini, Maria Grazia; Goedert, Michel  
CS MRC Lab. Mol. Biol., Hills Rd., Cambridge CB2 2QH, UK  
SO FEBS (Federation of European Biochemical Societies) Letters, (1994) Vol.  
345, No. 1, pp. 27-32.  
CODEN: FEBLAL. ISSN: 0014-5793.  
DT Article  
LA English  
ED Entered STN: 14 Sep 1994  
Last Updated on STN: 14 Sep 1994

L4 ANSWER 58 OF 143 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1999:29540005 BIOTECHNO  
TI Neurodegenerative disease: A different view of diagnosis  
AU Hardy J.; Gwinn-Hardy K.  
CS Dr. J. Hardy, Department of Pharmacology, Birdsall Building, Mayo Clinic  
Jacksonville, 4500 San Pablo Rd, Jacksonville, FL 32224, United States.  
E-mail: hardy@mayo.edu  
SO Molecular Medicine Today, ( \*\*\*1999\*\*\* ), 5/12 (514-517), 28  
reference(s)  
CODEN: MMTOFK ISSN: 1357-4310  
PUI S1357431099016044  
DT Journal; General Review  
CY United Kingdom  
LA English  
SL English

L4 ANSWER 59 OF 143 BIOTECHNO COPYRIGHT 2004 Elsevier Science B.V. on STN  
AN 1997:27317955 BIOTECHNO  
TI The awakening of .alpha.- \*\*\*synuclein\*\*\*  
AU Goedert M.  
CS M. Goedert, Medical Research Council, Laboratory of Molecular Biology,  
Hills Road, Cambridge CB2 2QH, United Kingdom.  
SO Nature, ( \*\*\*1997\*\*\* ), 388/6639 (232-233), 15 reference(s)  
CODEN: NATUAS ISSN: 0028-0836  
DT Journal; General Review  
CY United Kingdom  
LA English



L4 ANSWER 60 OF 143 CANCERLIT on STN  
 AN 96133093 CANCERLIT  
 DN 96133093 PubMed ID: 8546207  
 TI Altered presynaptic protein NACP is associated with plaque formation and neurodegeneration in Alzheimer's disease.  
 AU Masliah E; Iwai A; Mallory M; Ueda K; Saitoh T  
 CS Department of Neurosciences, University of California-San Diego School of Medicine, La Jolla 92093-0624, USA.  
 NC AG05131 (NIA)  
 AG10689 (NIA)  
 SO AMERICAN JOURNAL OF PATHOLOGY, \*\*\* (1996 Jan)\*\*\* 148 (1) 201-10.  
 Journal code: 0370502. ISSN: 0002-9440.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Abridged Index Medicus Journals; Priority Journals  
 OS MEDLINE 96133093  
 EM 199602  
 ED Entered STN: 19960314  
 Last Updated on STN: 19960314

L4 ANSWER 61 OF 143 CANCERLIT on STN  
 AN 95161076 CANCERLIT  
 DN 95161076 PubMed ID: 7857654  
 TI The precursor protein of non-A beta component of Alzheimer's disease  
 \*\*\*amyloid\*\*\* is a presynaptic protein of the central nervous system.  
 AU Iwai A; Masliah E; Yoshimoto M; Ge N; Flanagan L; de Silva H A; Kittel A; Saitoh T  
 CS Department of Neurosciences, School of Medicine, University of California, San Diego, La Jolla 92093-0624.  
 NC AG05131 (NIA)  
 AG10689 (NIA)  
 SO NEURON, \*\*\* (1995 Feb)\*\*\* 14 (2) 467-75.  
 Journal code: 8809320. ISSN: 0896-6273.  
 CY United States  
 DT Journal; Article; (JOURNAL ARTICLE)  
 LA English  
 FS MEDLINE; Priority Journals  
 OS MEDLINE 95161076  
 EM 199503  
 ED Entered STN: 19950405  
 Last Updated on STN: 19950405

L4 ANSWER 62 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 2002:241347 CAPLUS  
 DN 136:273213  
 TI Methods and compositions for controlling prepathological or pathological protein assembly or aggregation  
 IN Douglas, Michael G.; Amin, Avinash N.  
 PA USA  
 SO U.S. Pat. Appl. Publ., 24 pp., Cont.-in-part of U.S. Ser. No. 677,500.  
 CODEN: USXXCO  
 DT Patent  
 LA English  
 FAN.CNT 8

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002037908	A1	20020328	US 2001-904987	20010712
	US 5767135	A	19980616	US 1995-581351	19951229 <--
	US 6127393	A	20001003	US 1998-127620	19980801
	US 6410570	B1	20020625	US 2000-657989	20000908
	US 6579891	B1	20030617	US 2000-657554	20000908
	US 6407125	B1	20020618	US 2000-677500	20001002
	WO 2003006044	A1	20030123	WO 2002-US22032	20020711
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	US 1995-581351	A2	19951229		

US 1996-26992P	P	19960920
US 1996-24221P	P	19961022
US 1997-843157	B2	19970411
US 1998-127620	A2	19980801
US 2000-657554	A2	20000908
US 2000-657989	A2	20000908
US 2000-677500	A2	20001002
US 2000-182608P	P	20000215
US 2001-904987	A1	20010712

L4 ANSWER 63 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:795994 CAPLUS  
DN 132:31744  
TI Gene probes used for genetic profiling in healthcare screening and planning  
IN Roberts, Gareth Wyn  
PA Genostic Pharma Ltd., UK  
SO PCT Int. Appl., 745 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964627	A2	19991216	WO 1999-GB1780	19990604 <--
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
PRAI	GB 1998-12099	A	19980606		
	GB 1998-13291	A	19980620		
	GB 1998-13611	A	19980624		
	GB 1998-13835	A	19980627		
	GB 1998-14110	A	19980701		
	GB 1998-14580	A	19980707		
	GB 1998-15438	A	19980716		
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	GB 1998-16085	A	19980724		
	GB 1998-16086	A	19980724		
	GB 1998-16921	A	19980805		
	GB 1998-17097	A	19980807		
	GB 1998-17200	A	19980808		
	GB 1998-17632	A	19980814		
	GB 1998-17943	A	19980819		

L4 ANSWER 64 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1999:795993 CAPLUS  
DN 132:31743  
TI Gene probes used for genetic profiling in healthcare screening and planning  
IN Roberts, Gareth Wyn  
PA Genostic Pharma Limited, UK  
SO PCT Int. Appl., 149 pp.  
CODEN: PIXXD2  
DT Patent  
LA English  
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9964626	A2	19991216	WO 1999-GB1779	19990604 <--
	W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	CA 2330929	AA	19991216	CA 1999-2330929	19990604 <--

AU 9941586	A1	19991230	AU 1999-41586	19990604 <--
AU 766544	B2	20031016		
AU 9941587	A1	19991230	AU 1999-41587	19990604 <--
GB 2339200	A1	20000119	GB 1999-12914	19990604
GB 2339200	B2	20010912		
EP 1084273	A1	20010321	EP 1999-925207	19990604
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
JP 2003528564	T2	20030930	JP 2000-553616	19990604
US 2003198970	A1	20031023	US 2002-206568	20020729
PRAI GB 1998-12098	A	19980606		
GB 1998-28289	A	19981223		
GB 1998-16086	A	19980724		
GB 1998-16921	A	19980805		
GB 1998-17097	A	19980807		
GB 1998-17200	A	19980808		
GB 1998-17632	A	19980814		
GB 1998-17943	A	19980819		
US 1999-325123	B1	19990603		
WO 1999-GB1779	W	19990604		

L4 ANSWER 65 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:777667 CAPLUS  
 DN 132:91781  
 TI Degradation of .alpha.- \*\*\*synuclein\*\*\* by proteasome  
 AU Bennett, M. Catherine; Bishop, John F.; Leng, Yan; Chock, P. Boon; Chase, Thomas N.; Mouradian, M. Maral  
 CS Experimental Therapeutics Branch, NINDS, NHLBI, National Institutes of Health, Bethesda, MD, 20892, USA  
 SO Journal of Biological Chemistry ( \*\*\*1999\*\*\* ), 274(48), 33855-33858  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English  
 RE.CNT 23 THERE ARE 23 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 66 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:767386 CAPLUS  
 DN 132:104278  
 TI Interaction of NACP/a- \*\*\*synuclein\*\*\* with .beta./A4 and effect on the fibril formation in vitro  
 AU Takeda, Kazuya; Hossain, Shahanara; Sadik, Golam; Kaji, Hiroyuki; Ueda, Kenji; Shinoda, Tomotaka  
 CS Dept. of Chemistry, Grd. Sch. of Science, Tokyo Metropolitan University, Tokyo, Japan  
 SO Amyloid and Amyloidosis 1998, Proceedings of the International Symposium on Amyloidosis, 8th, Rochester, Minn., Aug. 7-11, 1998 ( \*\*\*1999\*\*\* ), Meeting Date 1998, 476-478. Editor(s): Kyle, Robert A.; Gertz, Morie A. Publisher: Parthenon Publishing Group, Pearl River, N. Y.  
 CODEN: 68KLAB  
 DT Conference  
 LA English  
 RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 67 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:619947 CAPLUS  
 DN 132:150162  
 TI Reduced expression of the G209A .alpha.- \*\*\*synuclein\*\*\* allele in familial parkinsonism  
 AU Markopoulou, Katerina; Wszolek, Zbigniew K.; Pfeiffer, Ronald F.; Chase, Bruce A.  
 CS Department of Biology, University of Nebraska at Omaha, Omaha, NE, 68198-2045, USA  
 SO Annals of Neurology ( \*\*\*1999\*\*\* ), 46(3), 374-381  
 CODEN: ANNE3; ISSN: 0364-5134  
 PB Lippincott Williams & Wilkins  
 DT Journal  
 LA English  
 RE.CNT 47 THERE ARE 47 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 68 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:516175 CAPLUS  
 DN 131:168746

TI Changes in mRNA expression of \*\*\*amyloid\*\*\* precursor protein (APP)  
 and .alpha.- \*\*\*synuclein\*\*\* in neurodegenerative disorders  
 AU Okada, Akitsugu  
 CS Fac. Med., Tottori Univ., Yonago, 683-8503, Japan  
 SO Yonago Igaku Zasshi ( \*\*\*1999\*\*\* ), 50(3/4), 143-155  
 CODEN: YOIZA3; ISSN: 0044-0558  
 PB Yonago Igakkai  
 DT Journal  
 LA Japanese

L4 ANSWER 69 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:317855 CAPLUS  
 DN 131:72259  
 TI Both familial Parkinson's disease mutations accelerate .alpha.-  
 \*\*\*synuclein\*\*\* aggregation. [Erratum to document cited in CA131:30597]  
 AU Narhi, Linda; Wood, Stephen J.; Steavenson, Shirley; Jiang, Yijia; Wu, Gay  
 May; Anafi, Dan; Kaufman, Stephen A.; Martin, Francis; Sitney, Karen;  
 Denis, Paul; Louis, Jean-Claude; Wypych, Jette; Biere, Anja Leona; Citron,  
 Martin  
 CS Amgen Inc., Thousand Oaks, CA, 91320-1789, USA  
 SO Journal of Biological Chemistry ( \*\*\*1999\*\*\* ), 274(19), 13728  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English

L4 ANSWER 70 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:302328 CAPLUS  
 DN 131:98992  
 TI Synphilin-1 associates with .alpha.- \*\*\*synuclein\*\*\* and promotes the  
 formation of cytosolic inclusions  
 AU Engelender, Simone; Kaminsky, Zachary; Guo, Xin; Sharp, Alan H.; Amaravi,  
 Ravi K.; Kleiderlein, John J.; Margolis, Russell L.; Troncoso, Juan C.;  
 Lanahan, Anthony A.; Worley, Paul F.; Dawson, Valina L.; Dawson, Ted M.;  
 Ross, Christopher A.  
 CS Division of Neurobiology, Department of Psychiatry, Johns Hopkins  
 University School of Medicine, Baltimore, MD, 21205, USA  
 SO Nature Genetics ( \*\*\*1999\*\*\* ), 22(1), 110-114  
 CODEN: NGENEC; ISSN: 1061-4036  
 PB Nature America  
 DT Journal  
 LA English

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 71 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:241714 CAPLUS  
 DN 131:30597  
 TI Both familial Parkinson's disease mutations accelerate .alpha.-  
 \*\*\*synuclein\*\*\* aggregation  
 AU Narhi, Linda; Wood, Stephen J.; Steavenson, Shirley; Jiang, Yijia; Wu, Gay  
 May; Anafi, Dan; Kaufman, Stephen A.; Martin, Francis; Sitney, Karen;  
 Denis, Paul; Louis, Jean-Claude; Wypych, Jette; Biere, Anja Leona; Citron,  
 Martin  
 CS Amgen, Inc., Thousand Oaks, CA, 91320-1789, USA  
 SO Journal of Biological Chemistry ( \*\*\*1999\*\*\* ), 274(14), 9843-9846  
 CODEN: JBCHA3; ISSN: 0021-9258  
 PB American Society for Biochemistry and Molecular Biology  
 DT Journal  
 LA English

RE.CNT 16 THERE ARE 16 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 72 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1999:113797 CAPLUS  
 DN 130:166800  
 TI Soluble fusion proteins of aggregate-forming proteins and the study of  
 diseases associated with protein aggregate formation  
 IN Wanker, Erich; Lehrach, Hans; Scherzinger, Eberhard; Bates, Gillian  
 PA Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V., Germany  
 SO PCT Int. Appl., 62 pp.  
 CODEN: PIXXD2  
 DT Patent  
 LA English

FAN.CNT 1  
 PATENT NO.                      KIND    DATE                      APPLICATION NO.    DATE

PI WO 9906545 A2 19990211 WO 1998-EP4811 19980731 <--  
 WO 9906545 A3 19990805  
 W: CA, JP, US  
 RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL,  
 PT, SE  
 EP 1001987 A2 20000524 EP 1998-945134 19980731  
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,  
 IE, FI  
 PRAI EP 1997-113306 19970801  
 WO 1998-EP4811 19980731

L4 ANSWER 73 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:806141 CAPLUS  
 DN 130:181015

TI Degenerative terminals of the perforant pathway are human .alpha.-  
 \*\*\*synuclein\*\*\* -immunoreactive in the hippocampus of patients with  
 diffuse Lewy body disease  
 AU Iseki, Eizo; Marui, Wami; Kosaka, Kenji; Akiyama, Haruhiko; Ueda, Kenji;  
 Iwatsubo, Takeshi  
 CS Department of Psychiatry, Yokohama City University School of Medicine,  
 Kanazawa-ku, Yokohama, 236-0004, Japan  
 SO Neuroscience Letters ( \*\*\*1998\*\*\* ), 258(2), 81-84  
 CODEN: NELED5; ISSN: 0304-3940  
 PB Elsevier Science Ireland Ltd.  
 DT Journal  
 LA English

RE.CNT 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 74 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:754430 CAPLUS  
 DN 130:123300

TI The N-terminal region of non-A.beta. component of Alzheimer's disease  
 \*\*\*amyloid\*\*\* is responsible for its tendency to assume .beta.-sheet and  
 aggregate to form fibrils  
 AU El-Agnaf, Omar M. A.; Bodles, Angela M.; Guthrie, David J. S.; Harriott,  
 Patrick; Irvine, Brent  
 CS Peptide and Protein Engineering Centre, School of Biology & Biochemistry,  
 Medical Biology Centre, The Queen's University of Belfast, Belfast, BT9  
 7BL, UK  
 SO European Journal of Biochemistry ( \*\*\*1998\*\*\* ), 258(1), 157-163  
 CODEN: EJBCAI; ISSN: 0014-2956  
 PB Springer-Verlag  
 DT Journal  
 LA English

RE.CNT 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 75 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:732783 CAPLUS  
 DN 130:93885

TI Accelerated in vitro fibril formation by a mutant .alpha.-  
 \*\*\*synuclein\*\*\* linked to early-onset Parkinson disease  
 AU Conway, Kelly A.; Harper, James D.; Lansbury, Peter T.  
 CS Cent. Neurol. Diseases, Brigham and Women's Hosp. Dep. Neurol., Harvard  
 Med. Sch., Harvard Inst. Med., Boston, MA, 02115, USA  
 SO Nature Medicine (New York) ( \*\*\*1998\*\*\* ), 4(11), 1318-1320  
 CODEN: NAMEFI; ISSN: 1078-8956  
 PB Nature America  
 DT Journal  
 LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
 ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 76 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
 AN 1998:697544 CAPLUS  
 DN 130:64696

TI Synthetic filaments assembled from C-terminally truncated .alpha.-  
 \*\*\*synuclein\*\*\*  
 AU Crowther, R. Anthony; Jakes, Ross; Garcia Spillantini, Maria; Goedert,  
 Michel  
 CS Medical Research Council, Laboratory of Molecular Biology, Cambridge, CB2  
 2QH, UK  
 SO FEBS Letters ( \*\*\*1998\*\*\* ), 436(3), 309-312  
 CODEN: FEBLAL; ISSN: 0014-5793

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 22 THERE ARE 22 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 77 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:685549 CAPLUS

DN 129:300744

TI Parkinsonism

AU Kawakami, Hideshi; Toji, Hiromasa; Torii, Tsuyoshi; Kitamura, Takeshi  
CS Sch. Med., Hiroshima Univ., Hiroshima, 734, Japan

SO Saishin Igaku ( \*\*\*1998\*\*\* ), 53(Suppl. 646), 2556-2561

CODEN: SAIGAK; ISSN: 0370-8241

PB Saishin Igakusha

DT Journal; General Review

LA Japanese

L4 ANSWER 78 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:681349 CAPLUS

DN 130:79782

TI Mutation in the .alpha.- \*\*\*synuclein\*\*\* gene and sporadic Parkinson's  
disease, Alzheimer's disease, and dementia with Lewy bodies

AU Higuchi, Susumu; Arai, Hiroyuki; Matsushita, Sachio; Matsui, Toshifumi;  
Kimpura, Teiko; Takeda, Atsushi; Shirakura, Katsuyuki

CS National Institute on Alcoholism, Kurihama National Hospital, Kanagawa,  
239, Japan

SO Experimental Neurology ( \*\*\*1998\*\*\* ), 153(1), 164-166

CODEN: EXNEAC; ISSN: 0014-4886

PB Academic Press

DT Journal

LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 79 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:672032 CAPLUS

DN 130:36817

TI Binding of .alpha.- \*\*\*synuclein\*\*\* to brain vesicles is abolished by  
familial Parkinson's disease mutation

AU Jensen, Poul H.; Nielsen, Morten S.; Jakes, Ross; Dotti, Carlos G.;  
Goedert, Michel

CS Department of Medical Biochemistry, University of Aarhus, Aarhus C,  
DK-8000, Den.

SO Journal of Biological Chemistry ( \*\*\*1998\*\*\* ), 273(41), 26292-26294

CODEN: JBCHA3; ISSN: 0021-9258

PB American Society for Biochemistry and Molecular Biology

DT Journal

LA English

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 80 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:660879 CAPLUS

DN 130:79749

TI Immunoelectron-microscopic demonstration of NACP/.alpha.- \*\*\*synuclein\*\*\*  
-epitopes on the filamentous component of Lewy bodies in Parkinson's  
disease and in dementia with Lewy bodies

AU Arima, Kunimasa; Ueda, Kenji; Sunohara, Nobuhiko; Hirai, Shigeo;  
Izumiya, Yoko; Tonozuka-Uehara, Haruko; Kawai, Mitsuru

CS Department of Ultrastructure and Histochemistry, Tokyo Institute of  
Psychiatry, Setagaya-ku, Tokyo, 156-8585, Japan

SO Brain Research ( \*\*\*1998\*\*\* ), 808(1), 93-100

CODEN: BRREAP; ISSN: 0006-8993

PB Elsevier Science B.V.

DT Journal

LA English

RE.CNT 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 81 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:559875 CAPLUS

DN 129:314440

TI Failure to replicate a protective effect of allele 2 of NACP/.alpha.-  
\*\*\*synuclein\*\*\* polymorphism in Alzheimer's disease: an association  
study

AU Hellman, Nathan E.; Grant, Elizabeth A.; Goate, Alison M.  
CS Departments of Psychiatry and Genetics, Washington Univ. School of  
Medicine, St. Louis, MO, USA  
SO Annals of Neurology ( \*\*\*1998\*\*\* ), 44(2), 278-281  
CODEN: ANNE3; ISSN: 0364-5134  
PB Lippincott-Raven Publishers  
DT Journal  
LA English  
RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 82 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:529974 CAPLUS  
TI Structural neurology: Seeded protein polymerization in neurodegenerative  
disease.  
AU Lansbury, Peter T., Jr.  
CS Center Neurologic Diseases, Brigham and Women's Hospital, Boston, MA,  
02115, USA  
SO Book of Abstracts, 216th ACS National Meeting, Boston, August 23-27 ( \*\*\*1998\*\*\* ), TOXI-108 Publisher: American Chemical Society, Washington,  
D. C.  
CODEN: 66KYA2  
DT Conference; Meeting Abstract  
LA English

L4 ANSWER 83 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:478685 CAPLUS  
DN 129:215192  
TI Filamentous .alpha.- \*\*\*synuclein\*\*\* inclusions link multiple system  
atrophy with Parkinson's disease and dementia with Lewy bodies  
AU Grazia Spillantini, Maria; Anthony Crowther, R.; Jakes, Ross; Cairns,  
Nigel J.; Lantos, Peter L.; Goedert, Michel  
CS MRC Centre for Brain Repair and Department of Neurology, University of  
Cambridge, Cambridge, CB2 2PY, UK  
SO Neuroscience Letters ( \*\*\*1998\*\*\* ), 251(3), 205-208  
CODEN: NELED5; ISSN: 0304-3940  
PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English  
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 84 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:475303 CAPLUS  
DN 129:243201  
TI Genes for Alzheimer's disease and related disorders  
AU Tabira, Takeshi  
CS Psychiatric Research Laboratory, National Mental and Psychiatric Center,  
Japan  
SO Igaku no Ayumi ( \*\*\*1998\*\*\* ), 185(9), 633-636  
CODEN: IGAYAY; ISSN: 0039-2359  
PB Ishiyaku Shuppan  
DT Journal; General Review  
LA Japanese

L4 ANSWER 85 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:381126 CAPLUS  
DN 129:121088  
TI .alpha.- \*\*\*synuclein\*\*\* immunoreactivity in glial cytoplasmic  
inclusions in multiple system atrophy  
AU Wakabayashi, Koichi; Yoshimoto, Makoto; Tsuji, Shoji; Takahashi, Hitoshi  
CS Brain Research Institute, Brain Disease Research Center, Niigata  
University, Niigata, 951-8585, Japan  
SO Neuroscience Letters ( \*\*\*1998\*\*\* ), 249(2,3), 180-182  
CODEN: NELED5; ISSN: 0304-3940  
PB Elsevier Science Ireland Ltd.  
DT Journal  
LA English  
RE.CNT 17 THERE ARE 17 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 86 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:246770 CAPLUS  
DN 129:14882  
TI NACP/.alpha.- \*\*\*synuclein\*\*\* in onset of both Alzheimer disease and  
Parkinson disease

AU Tanaka, Seigo  
CS Inst. Chem. Res., Kyoto Univ., Uji, 611, Japan  
SO Kagaku to Seibutsu ( \*\*\*1998\*\*\* ), 36(4), 243-244  
CODEN: KASEAA; ISSN: 0453-073X  
PB Gakkai Shuppan Senta  
DT Journal; General Review  
LA Japanese

L4 ANSWER 87 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:212860 CAPLUS  
DN 128:293588

TI Low frequency of .alpha.- \*\*\*synuclein\*\*\* mutations in familial  
Parkinson's disease

AU Farrer, Matt; Wavrant-De Vrieze, Fabienne; Crook, Richard; Boles, Lizzie;  
Perez-Tur, Jordi; Hardy, John; Johnson, William G.; Steele, John;  
Maraganore, Demetrius; Gwinn, Katrina; Lynch, Tim  
CS Mayo Clinic Jacksonville, Jacksonville, FL, USA

SO Annals of Neurology ( \*\*\*1998\*\*\* ), 43(3), 394-397  
CODEN: ANNE3; ISSN: 0364-5134

PB Lippincott-Raven Publishers

DT Journal

LA English

RE.CNT 7 THERE ARE 7 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 88 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:196842 CAPLUS  
DN 129:39380

TI Common mechanism in Parkinson's and Alzheimer's diseases. NACP  
(non-A.beta. component of AD \*\*\*amyloid\*\*\* precursor) and .alpha.-  
\*\*\*synuclein\*\*\*

AU Ueda, Kenji

CS Dep. Neurochem., Tokyo Metrop. Inst. Neurol. Psychiatr., Japan

SO Saibo Kagaku ( \*\*\*1997\*\*\* ), 16(12), 1800-1801

CODEN: SAKOEO; ISSN: 0287-3796

PB Shujunsha

DT Journal; General Review

LA Japanese

L4 ANSWER 89 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1998:80814 CAPLUS  
DN 128:203765

TI Progressive supranuclear gaze palsy is in linkage disequilibrium with the  
.tau. and not the .alpha.- \*\*\*synuclein\*\*\* gene

AU Higgins, J. J.; Litvan, I.; Pho, L. T.; Li, W.; Nee, L. E.

CS Wadsworth Center, New York State Dept. of Health, Albany, NY, 12201-0509,  
USA

SO Neurology ( \*\*\*1998\*\*\* ), 50(1), 270-273

CODEN: NEURAI; ISSN: 0028-3878

PB Lippincott-Raven Publishers

DT Journal

LA English

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 90 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1997:571894 CAPLUS  
DN 127:261210

TI .alpha.- \*\*\*synuclein\*\*\* in Lewy bodies

AU Spillantini, Maria Grazia; Schmidt, Marie Luise; Lee, Virginia M.-Y.;

Trojanowski, John Q.; Jakes, Ross; Goedert, Michel

CS Med. Res. Counc. Cent. Brain Repair, Dep. Neurol., Univ. Cambridge,  
Cambridge, CB2 2PY, UK

SO Nature (London) ( \*\*\*1997\*\*\* ), 388(6645), 839-840

CODEN: NATUAS; ISSN: 0028-0836

PB Macmillan Magazines

DT Journal

LA English

L4 ANSWER 91 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1996:360031 CAPLUS  
DN 125:111832

TI The synaptic protein NACP is abnormally expressed during the progression  
of Alzheimer's disease

AU Iwai, Akihiko; Masliah, Eliezer; Sundsmo, Mary P.; DeTeresa, Richard;

Mallory, Margaret; Salmon, David P.; Saitoh, Tsunao



CS Department of Neurosciences, University of California, San Diego, School  
of Medicine, La Jolla, CA, 92093-0624, USA  
SO Brain Research ( \*\*\*1996\*\*\* ), 720(1,2), 230-234  
CODEN: BRREAP; ISSN: 0006-8993  
PB Elsevier  
DT Journal  
LA English

L4 ANSWER 92 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:841638 CAPLUS  
DN 123:253519  
TI NACP, the precursor protein of the non- \*\*\*amyloid\*\*\* .beta./A4 protein  
(A.beta.) component of Alzheimer disease \*\*\*amyloid\*\*\* , binds A.beta.  
and stimulates A.beta. aggregation  
AU Yoshimoto, Makoto; Iwai, Akihiko; Kang, David; Otero, Deborah A. C.; Xia,  
Yu; Saitoh, Tsunao  
CS Department Neurosciences, University California, San Diego, La Jolla, CA,  
92093-0624, USA  
SO Proceedings of the National Academy of Sciences of the United States of  
America ( \*\*\*1995\*\*\* ), 92(20), 9141-5  
CODEN: PNASA6; ISSN: 0027-8424  
PB National Academy of Sciences  
DT Journal  
LA English

L4 ANSWER 93 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:640516 CAPLUS  
DN 123:134622  
TI Assignment of human .alpha.- \*\*\*synuclein\*\*\* (SNCA) and .beta.-  
\*\*\*synuclein\*\*\* (SNCB) genes to chromosomes 4q21 and 5q35  
AU Spillantini, Maria Grazia; Divane, Aspasia; Goedert, Michel  
CS MRC Lab. Mol. Biology, Cambridge, CB2 2QH, UK  
SO Genomics ( \*\*\*1995\*\*\* ), 27(2), 379-81  
CODEN: GNMCEP; ISSN: 0888-7543  
PB Academic  
DT Journal  
LA English

L4 ANSWER 94 OF 143 CAPLUS COPYRIGHT 2004 ACS on STN  
AN 1995:599850 CAPLUS  
DN 123:30651  
TI The core Alzheimer's peptide NAC forms \*\*\*amyloid\*\*\* fibrils which  
seed and are seeded by .beta.- \*\*\*amyloid\*\*\* : Is NAC a common trigger  
or target in neurodegenerative disease?  
AU Han, Hogyu; Weinreb, Paul H.; Lansbury, Peter T., Jr.  
CS Department Chemistry, Massachusetts Institute Technology, Cambridge, MA,  
02139, USA  
SO Chemistry & Biology ( \*\*\*1995\*\*\* ), 2(3), 163-9  
CODEN: CBOLE2; ISSN: 1074-5521  
DT Journal  
LA English

L4 ANSWER 95 OF 143 CEABA-VTB COPYRIGHT 2004 DECHEMA on STN  
AN 1997(06):4216 CEABA-VTB FS B  
DN CEABA: 1997:1517891  
TI Finding of gene for rare inherited Parkinson s may lead to treatment  
CS Natl. Inst. Health, USA  
SO Biotechnol. Newswatch ( \*\*\*1997\*\*\* ), p.7  
ISSN: 0275-3685  
DT Journal  
LA English

L4 ANSWER 96 OF 143 CEN COPYRIGHT 2004 ACS on STN  
AN 1999:3387 CEN  
TI Neuroscience: The Ultimate Moon walk  
Exploring the mysterious terrain of the mind increasingly will draw on the  
expertise of chemists  
SO Chemical & Engineering News, ( \*\*\*06 Dec 1999\*\*\* ) Vol. 77, No. 49, pp.  
91.  
CODEN: CENEAR, ISSN: 0009-2347.  
PB American Chemical Society  
LA English  
WC 4400

L4 ANSWER 97 OF 143 CEN COPYRIGHT 2004 ACS on STN

AN 1998:3278 CEN  
 TI Insights gained on route to Parkinson's disease  
 SO Chemical & Engineering News, ( \*\*\*2 Nov 1998\*\*\* ) Vol. 76, No. 44, pp.  
 21.  
 CODEN: CENEAR, ISSN: 0009-2347.  
 PB American Chemical Society  
 LA English  
 WC 224

L4 ANSWER 98 OF 143 DISSABS COPYRIGHT (C) 2004 ProQuest Information and  
 Learning Company; All Rights Reserved on STN  
 AN 2000:35610 DISSABS Order Number: AAI0801019  
 TI Alpha \*\*\*synuclein\*\*\* expression in hippocampal neuronal cultures and  
 in vitro models of alpha \*\*\*synuclein\*\*\* fibril formation in  
 Parkinson's disease  
 AU Conway, Kelly Ann [Ph.D.]; Lansbury, Peter T., Jr. [adviser]  
 CS Massachusetts Institute of Technology (0753)  
 SO Dissertation Abstracts International, ( \*\*\*1999\*\*\* ) Vol. 61, No. 1B, p.  
 242. Order No.: AAI0801019.  
 DT Dissertation  
 FS DAI  
 LA English

L4 ANSWER 99 OF 143 DISSABS COPYRIGHT (C) 2004 ProQuest Information and  
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 AN 2000:14212 DISSABS Order Number: AAI9944216  
 TI THE ROLE OF ALPHA- \*\*\*SYNUCLEIN\*\*\* IN CENTRAL NERVOUS SYSTEM PHYSIOLOGY  
 AND NEURODEGENERATIVE DISORDERS  
 AU HSU, LEIGH JAMES [PH.D.]; MASLIAH, ELIEZER [adviser]  
 CS UNIVERSITY OF CALIFORNIA, SAN DIEGO (0033)  
 SO Dissertation Abstracts International, ( \*\*\*1999\*\*\* ) Vol. 60, No. 8B, p.  
 3771. Order No.: AAI9944216. 144 pages.  
 DT Dissertation  
 FS DAI  
 LA English

L4 ANSWER 100 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 2000026334 EMBASE  
 TI Protein deposits as the molecular basis of amyloidosis. Part II. Localized  
 amyloidosis and neurodegenerative disorders.  
 AU Uversky V.N.; Talapatra A.; Gillespie J.R.; Fink A.L.  
 CS V.N. Uversky, Dept. of Chemistry and Biochemistry, University of  
 California, Santa Cruz, CA 95064, United States. uversky@hydrogen.ucsc.edu  
 SO Medical Science Monitor, (1999) 5/6 (1238-1254).  
 Refs: 114  
 ISSN: 1234-1010 CODEN: MSMOFR  
 CY Poland  
 DT Journal; General Review  
 FS 008 Neurology and Neurosurgery  
 029 Clinical Biochemistry  
 LA English

L4 ANSWER 101 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 2000002960 EMBASE  
 TI [Alzheimer's disease: Lesions and their progression].  
 MALADIE D'ALZHEIMER: LES LESIONS ET LEUR PROGRESSION.  
 AU Duyckaerts C.; Colle M.-A.; Delatour B.; Hauw J.-J.  
 CS C. Duyckaerts, Lab. de Neuropath. R. Escourolle, Hopital de La  
 Salpetriere, 47 Bd de l'Hopital, 75651 Paris Cedex 13, France  
 SO Revue Neurologique, (1999) 155/SUPPL. 4 (4S17-4S27).  
 Refs: 120  
 ISSN: 0035-3787 CODEN: RENEAM  
 CY France  
 DT Journal; General Review  
 FS 005 General Pathology and Pathological Anatomy  
 008 Neurology and Neurosurgery  
 LA French  
 SL English; French

L4 ANSWER 102 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 1999372815 EMBASE  
 TI Protein deposits as the molecular basis of amyloidosis. Part I. Systemic

amyloidoses.  
 AU Uversky V.N.; Talapatra A.; Gillespie J.R.; Fink A.L.  
 CS Dr. V.N. Uversky, Department of Chemistry/Biochemistry, University of  
 California, Santa Cruz, CA 95064, United States. uversky@hydrogen.ucsc.edu  
 SO Medical Science Monitor, (1999) 5/5 (1001-1012).  
 Refs: 79  
 ISSN: 1234-1010 CODEN: MSMOFR  
 CY Poland  
 DT Journal; General Review  
 FS 029 Clinical Biochemistry  
 LA English

L4 ANSWER 103 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 1999310787 EMBASE  
 TI 26th FEBS meeting, Nice, France, 19-24 June 1999: News of new and old  
 therapeutic targets.  
 AU Graf H.  
 CS H. Graf, Roche Diagnostics GmbH, Bahnhofstrasse 9-15, D-82327 Tutzing,  
 Germany. hermann.graf@roche.com  
 SO Expert Opinion on Investigational Drugs, (1999) 8/9 (1467-1469).  
 Refs: 0  
 ISSN: 1354-3784 CODEN: EOIDER  
 CY United Kingdom  
 DT Journal; Conference Article  
 FS 008 Neurology and Neurosurgery  
 016 Cancer  
 022 Human Genetics  
 029 Clinical Biochemistry  
 030 Pharmacology  
 037 Drug Literature Index  
 LA English

L4 ANSWER 104 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 1999247804 EMBASE  
 TI An 80-year-old woman with Parkinsonism and progressive dementia.  
 AU Hattori N.; Sumino S.; Takanashi M.; Mori H.; Wakiya M.; Shirai T.; Sugita  
 H.; Mizuno Y.  
 CS N. Hattori, Department of Neurology, Juntendo University Sch. of Medicine,  
 2-1-1 Hongo, Bunkyo, Tokyo 113-8421, Japan  
 SO Brain and Nerve, (1999) 51/6 (541-550).  
 Refs: 24  
 ISSN: 0006-8969 CODEN: NOTOA6  
 CY Japan  
 DT Journal; Article  
 FS 008 Neurology and Neurosurgery  
 037 Drug Literature Index  
 038 Adverse Reactions Titles  
 LA Japanese  
 SL English; Japanese

L4 ANSWER 105 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN  
 AN 1999212174 EMBASE  
 TI The biochemistry of Alzheimer's disease.  
 AU Stege G.J.J.; Bosman G.J.C.G.M.  
 CS G.J.C. Bosman, Department of Biochemistry, BEG-160, Institute of Cellular  
 Signalling, University of Nijmegen, PO Box 9101, NL-6500 HB Nijmegen,  
 Netherlands. G.Bosman@bioch.kun.nl  
 SO Drugs and Aging, (1999) 14/6 (437-446).  
 Refs: 106  
 ISSN: 1170-229X CODEN: DRAGE6  
 CY New Zealand  
 DT Journal; General Review  
 FS 005 General Pathology and Pathological Anatomy  
 008 Neurology and Neurosurgery  
 020 Gerontology and Geriatrics  
 022 Human Genetics  
 029 Clinical Biochemistry  
 032 Psychiatry  
 LA English  
 SL English

L4 ANSWER 106 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
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AN 1999169677 EMBASE  
 TI Alpha- \*\*\*synuclein\*\*\* and Parkinson's disease.  
 AU Golbe L.I.  
 CS Prof. L.I. Golbe, Department of Neurology, UMDNJ-Robert Wood Johnson Med.  
 Sch., 97 Paterson St., New Brunswick, NJ 08901, United States  
 SO Movement Disorders, (1999) 14/1 (6-9).  
 Refs: 31  
 ISSN: 0885-3185 CODEN: MOVDEA  
 CY United States  
 DT Journal; Editorial  
 FS 008 Neurology and Neurosurgery  
 032 Psychiatry  
 LA English

L4 ANSWER 107 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
 RESERVED. on STN

AN 1999153753 EMBASE  
 TI Aggregates in neurodegenerative disease: Crowds and power?.  
 AU Tran P.B.; Miller R.J.  
 CS P.B. Tran, Dept. of Pharmacol./Physiol. Sci., University of Chicago,  
 Chicago, IL 60637, United States  
 SO Trends in Neurosciences, (1999) 22/5 (194-197).  
 Refs: 40  
 ISSN: 0166-2236 CODEN: TNSCDR  
 PUI S 0166-2236(99)01409-5  
 CY United Kingdom  
 DT Journal; Article  
 FS 005 General Pathology and Pathological Anatomy  
 008 Neurology and Neurosurgery  
 022 Human Genetics  
 LA English

L4 ANSWER 108 OF 143 EMBASE COPYRIGHT 2004 ELSEVIER INC. ALL RIGHTS  
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AN 1999038285 EMBASE  
 TI Dementia with Lewy bodies: A common cause of dementia with therapeutic  
 potential.  
 AU Perry E.K.; McKeith I.G.; Perry R.H.  
 CS Dr. E.K. Perry, MRC Neurochemical Pathology Unit, Newcastle General  
 Hospital, Westgate Road, Newcastle Upon Tyne NE4 6BE, United Kingdom  
 SO International Journal of Geriatric Psychopharmacology, (1998) 1/3  
 (120-125).  
 Refs: 46  
 ISSN: 1364-8233 CODEN: IJGPFT  
 CY United Kingdom  
 DT Journal; Conference Article  
 FS 005 General Pathology and Pathological Anatomy  
 008 Neurology and Neurosurgery  
 020 Gerontology and Geriatrics  
 032 Psychiatry  
 037 Drug Literature Index  
 LA English  
 SL English

L4 ANSWER 109 OF 143 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.  
 on STN

AN 1998211883 ESBIODASE  
 TI The native form of .alpha.- \*\*\*synuclein\*\*\* is not found in the  
 cerebrospinal fluid of patients with Parkinson's disease or normal  
 controls  
 AU Jakowec M.W.; Petzinger G.M.; Sastry S.; Donaldson D.M.; McCormack A.;  
 Langston J.W.  
 CS M.W. Jakowec, Parkinson's Institute, 1170 Morse Avenue, Sunnyvale, CA  
 94089, United States.  
 E-mail: mjakowec@parkinsonsinstitute.org  
 SO Neuroscience Letters, \*\*\* (28 AUG 1998)\*\*\* , 253/1 (13-16), 18  
 reference(s)  
 CODEN: NELED5 ISSN: 0304-3940  
 PUI S0304394098005990  
 DT Journal; Article  
 CY Ireland  
 LA English  
 SL English

L4 ANSWER 110 OF 143 Elsevier BIOBASE COPYRIGHT 2004 Elsevier Science B.V.  
 on STN

AN 1997180496 ESBIODBASE  
 TI Aluminum-induced structural alterations of the precursor of the  
 non-A.beta. component of Alzheimer's disease \*\*\*amyloid\*\*\*  
 AU Paik S.R.; Lee J.-H.; Kim D.-H.; Chang C.-S.; Kim J.  
 CS S.R. Paik, Department of Biochemistry, College of Medicine, Inha  
 University, Nam-Ku, Incheon 402-751, South Korea.  
 E-mail: srpaik@dragon.inha.ac.kr  
 SO Archives of Biochemistry and Biophysics, ( \*\*\*1997\*\*\* ), 344/2  
 (325-334), 57 reference(s)  
 CODEN: ABBIA4 ISSN: 0003-9861  
 DT Journal; Article  
 CY United States  
 LA English  
 SL English

L4 ANSWER 111 OF 143 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): AF044672 GenBank (R)  
 GenBank ACC. NO. (GBN): AF044672  
 GenBank VERSION (VER): AF044672.1 GI:2829292  
 CAS REGISTRY NO. (RN): 203238-11-3  
 SEQUENCE LENGTH (SQL): 513  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Rodents  
 DATE (DATE): 15 Aug 2001  
 DEFINITION (DEF): Mus musculus alpha- \*\*\*synuclein\*\*\* mRNA, complete  
 cds.  
 SOURCE:  
 ORGANISM (ORGN): house mouse.  
 Mus musculus  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Rodentia;  
 Sciurognathi; Muridae; Murinae; Mus  
 NUCLEIC ACID COUNT (NA): 149 a 95 c 169 g 100 t  
 REFERENCE:  
 1 (bases 1 to 513)  
 AUTHOR (AU): Hsu,L.J.; Mallory,M.; Xia,Y.; Veinbergs,I.;  
 Hashimoto,M.; Yoshimoto,M.; Thal,L.J.; Saitoh,T.;  
 Masliah,E.  
 TITLE (TI): Expression pattern of synucleins (non-Abeta component  
 of Alzheimer's disease \*\*\*amyloid\*\*\* precursor  
 protein/alpha- \*\*\*synuclein\*\*\* ) during murine brain  
 development  
 JOURNAL (SO): J. Neurochem., 71 (1), 338-344 ( \*\*\*1998\*\*\* )  
 OTHER SOURCE (OS): CA 129:159608  
 REFERENCE:  
 2 (bases 1 to 513)  
 AUTHOR (AU): Hsu,L.J.; Masliah,E.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (26-JAN-1998) Molecular Pathology, UCSD, 9500  
 Gilman Drive, La Jolla, CA 92093-0612, USA

FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..513	/organism="Mus musculus" /db-xref="taxon:10090"
CDS	40..462	/note="NACP" /codon-start=1 /product="alpha-synuclein" /protein-id="AAC00521.1" /db-xref="GI:2829293" /translation="MDVFMKGLSKAKEGVVAAAE KTKQGVAAEAGKTKEGVLYVGSKT KEGVVHGVTTVAETTKEQVTNVGGAVVTGVTAVA QKTVEGAGNIAAATGFVKKDQMGK GEEGYPQEGILEDMPVDPGSEAYEMPSEEGYQDY EPEA"

SEQUENCE (SEQ):

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1 gcagagggac tcagtgtggt gtaaaggaat tcattagcca tggatgtggt catgaaagga
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121 gaggcagctg gaaagacaaa agaggggagtc ctctatgtag gttccaaaac taaggaagga
181 gtggttcatt gagtgacaac agtggctgag acgaccaaag agcaagtgaac aaatgttgga
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361 ccacaggaag gaatcctgga agacatgcct gtggatcctg gcagtgaagg ttatgaaatg
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LOCUS (LOC): AF010126 GenBank (R)  
 GenBank ACC. NO. (GBN): AF010126  
 GenBank VERSION (VER): AF010126.1 GI:2281473  
 CAS REGISTRY NO. (RN): 392013-09-1  
 SEQUENCE LENGTH (SQL): 550  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 26 Jul 1997  
 DEFINITION (DEF): Homo sapiens breast cancer-specific protein 1 (BCSG1)  
 mRNA, complete cds.  
 SOURCE: human.  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 132 a 145 c 192 g 81 t  
 REFERENCE: 1 (bases 1 to 550)  
 AUTHOR (AU): Ji,H.; Liu,Y.E.; Jia,T.; Wang,M.; Liu,J.; Xiao,G.;  
 Joseph,B.K.; Rosen,C.; Shi,Y.E.  
 TITLE (TI): Identification of a breast cancer-specific gene, BCSG1,  
 by direct differential cDNA sequencing  
 JOURNAL (SO): Cancer Res., 57 (4), 759-764 ( \*\*\*1997\*\*\* )  
 OTHER SOURCE (OS): CA 126:221387  
 REFERENCE: 2 (bases 1 to 550)  
 AUTHOR (AU): Ji,H.; Liu,Y.E.; Jia,T.; Wang,M.; Liu,J.; Xiao,G.;  
 Joseph,B.K.; Rosen,C.; Shi,Y.E.  
 TITLE (TI): Direct Submission  
 JOURNAL (SO): Submitted (23-JUN-1997) Ped. Res., Long Island Jewish  
 Medical Center, 270-05 76th Ave., New Hyde Park, NY  
 11040, USA

## FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..550	/organism="Homo sapiens" /db-xref="taxon:9606" /tissue-type="breast cancer" /note="cDNA highly abundant in a breast cancer library but not in normal library"
gene	1..550	/gene="BCSG1"
CDS	12..395	/gene="BCSG1" /note="breast cancer-specific protein 1; synuclein-like; AD amyloid-like" /codon-start=1 /product="BCSG1 protein" /protein-id="AAB64109.1" /db-xref="GI:2281474" /translation="MDVFKKGFSIAKKGVVGAVE KTKQGVTEAAEKTKEGVMYVGAKT KENVVQSVTSVAEKTKEQANAVSKAVVSSVNTVA TKTVEEAENIAVTSGVVRKEDLRP SAPQQEGEASKEEVEAAEQSGGD"

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121 tcatgtatgt gggagccaag accaaggaga atgttgtaca gagcgtgacc tcagtggccg
181 agaagaccaa ggagcaggcc aacgccgtga gcaaggctgt ggtgagcagc gtcaacactg
241 tggccaccaa gaccgtggag gaggcggaga acatcgcggt cacctccggg gtggtgcgca
301 aggaggactt gaggccatct gcccccaac aggaggggtga ggcattccaa gagaaagagg
361 aagtggcaga ggaggccag agtggggggag actagagggc tacaggccag cgtggatgac
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LOCUS (LOC): HUMNACPB GenBank (R)  
 GenBank ACC. NO. (GBN): L36675  
 GenBank VERSION (VER): L36675.1 GI:556213  
 CAS REGISTRY NO. (RN): 158450-95-4

SEQUENCE LENGTH (SQL): 369  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 26 Apr 1996  
 DEFINITION (DEF): Human (clone 2-4) \*\*\*synuclein\*\*\* (NACP) mRNA,  
 complete cds.  
 SOURCE: human.  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 120 a 61 c 122 g 66 t  
 REFERENCE: 1 (bases 1 to 369)  
 AUTHOR (AU): Campion,D.; Martin,C.; Heilig,R.; Charbonnier,F.;  
 Moreau,V.; Flaman,J.M.; Petit,J.L.; Hannequin,D.;  
 Brice,A.; Frebourg,T.  
 TITLE (TI): The NACP/ \*\*\*synuclein\*\*\* gene: chromosomal  
 assignment and screening for alterations in Alzheimer  
 disease  
 JOURNAL (SO): Genomics, 26 (2), 254-257 ( \*\*\*1995\*\*\* )  
 OTHER SOURCE (OS): CA 123:104119

Feature Key	Location	Qualifier
source	1..369	/organism="Homo sapiens" /db-xref="taxon:9606" /map="chromosome 4" /clone="2-4" /cell-type="EBV-immortalized lymphocytes"
gene	1..369	/gene="NACP"
CDS	19..357	/gene="NACP" /note="non-Ab component of amyloid peptide precursor" /codon-start=1 /product="synuclein" /protein-id="AAA98487.1" /db-xref="GI:556214" /translation="MDVFMKGLSKAKEGVVAAAE KTKQGVAEAAAGKTKGVLVVGSKT KEGVVHGVATVAEKTKEQVTNVGGAVVTGVTAVA QKTVEGAGSIAAATGFVKKDQLGK EGYQDYEPEA"

SEQUENCE (SEQ):  
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 121 gaggggtgttc tctatgtagg ctccaaaacc aaggagggag tggatcatgg tgtggcaaca  
 181 gtggctgaga agaccaaaga gcaagtgaca aatgttggag gagcagtggg gacgggtgtg  
 241 acagcagtag cccagaagac agtggaggga gcaggagagca ttgcagcagc cactggcttt  
 301 gtcaaaaagg accagttggg caaggaaggg tatcaagact acgaacctga agcctaagaa  
 361 atatctttg

L4 ANSWER 114 OF 143 GENBANK.RTM. COPYRIGHT 2004 on STN

LOCUS (LOC): HUMNACP GenBank (R)  
 GenBank ACC. NO. (GBN): L36674  
 GenBank VERSION (VER): L36674.1 GI:556211  
 CAS REGISTRY NO. (RN): 158450-94-3  
 SEQUENCE LENGTH (SQL): 411  
 MOLECULE TYPE (CI): mRNA; linear  
 DIVISION CODE (CI): Primates  
 DATE (DATE): 26 Apr 1996  
 DEFINITION (DEF): Human (clone 2-5) \*\*\*synuclein\*\*\* (NACP) mRNA,  
 complete cds.  
 SOURCE: human.  
 ORGANISM (ORGN): Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata;  
 Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini;  
 Hominidae; Homo  
 NUCLEIC ACID COUNT (NA): 135 a 68 c 130 g 78 t  
 REFERENCE: 1 (sites)  
 AUTHOR (AU): Ueda,K.; Fukushima,H.; Masliah,E.; Xia,Y.; Iwai,A.;  
 Yoshimoto,M.; Otero,D.A.; Kondo,J.; Ihara,Y.; Saitoh,T.  
 TITLE (TI): Molecular cloning of cDNA encoding an unrecognized

JOURNAL (SO): component of \*\*\*amyloid\*\*\* in Alzheimer disease  
Proc. Natl. Acad. Sci. U.S.A., 90 (23), 11282-11286 (\*\*\*1993\*\*\*)  
OTHER SOURCE (OS): CA 120:214320  
REFERENCE: 2 (bases 1 to 411)  
AUTHOR (AU): Campion,D.; Martin,C.; Heilig,R.; Charbonnier,F.;  
Moreau,V.; Flaman,J.M.; Petit,J.L.; Hannequin,D.;  
Brice,A.; Frebourg,T.  
TITLE (TI): The NACP/ \*\*\*synuclein\*\*\* gene: chromosomal  
assignment and screening for alterations in Alzheimer  
disease  
JOURNAL (SO): Genomics, 26 (2), 254-257 ( \*\*\*1995\*\*\* )  
OTHER SOURCE (OS): CA 123:104119  
REFERENCE: 3 (bases 1 to 411)  
AUTHOR (AU): Campion,D.; Martin,C.; Heilig,C.; Charbonnier,F.;  
Moreau,V.; Flaman,J.-M.; Petit,J.-L.; Hannequin,D.;  
Brice,A.; Frebourg,T.  
TITLE (TI): The NACP/ \*\*\*synuclein\*\*\* gene: chromosomal  
assignment and screening for alterations in Alzheimer's  
disease  
JOURNAL (SO): Unpublished (1994)

# FEATURES (FEAT):

Feature Key	Location	Qualifier
source	1..411	/organism="Homo sapiens" /db-xref="taxon:9606" /map="chromosome 4" /clone="2-5" /cell-type="EBV-immortalized lymphocytes"
gene	1..411	/gene="NACP"
CDS	19..399	/gene="NACP" /note="non-Ab component of amyloid peptide precursor" /codon-start=1 /product="synuclein" /protein-id="AAA98493.1" /db-xref="GI:556212" /translation="MDVFMKGLSKAKEGVVAAAE KTKQGVAAEAAGKTKEGVLYVVAEK TKEQVTNVGGAVVTGVTAVAQKTVEGAGSIAAAT GFVKKDKLKGNEEGAPQEGILED M PVDPDNEAYEMPSEEGYQDYEPEA"

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1 taaaggaatt cattagccat ggatgtattc atgaaaggac tttcaaaggc caaggaggga
61 gttgtggctg ctgctgagaa aaccaaacag ggtgtggcag aagcagcagg aaagacaaaa
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181 gcagtgggtga cgggtgtgac agcagtagcc cagaagacag tggagggagc agggagcatt
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301 caggaaggaa ttctggaaga tatgcctgtg gatcctgaca atgaggctta tgaaatgcct
361 tctgaggaag ggatcaaga ctacgaacct gaagcctaag aaatatcttt g

```

L4 ANSWER 115 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 1000014433 JICST-EPlus  
TI Abnormal accumulation of .ALPHA.- \*\*\*synuclein\*\*\* /NACP which is common  
in Lewy body disorders and multiple system atrophy. (Ministry of Health  
and welfare S).  
AU TAKAHASHI HITOSHI; HAYASHI SHINTARO; KAKITA AKEMI; YAMADA MITSUNORI;  
TOYOSHIMA YASUKO  
WAKABAYASHI KOICHI  
YOSHIMOTO MAKOTO  
CS Brain Res. Inst., Niigata Univ.  
Niigatadai Noshikkankaisekise  
Taishoseiyaku Soyakuken  
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1998 Nendo Kenkyu Hokokusho,  
(1999) pp. 101-103. Journal Code: N19993112 (Fig. 3, Ref. 28)  
CY Japan  
DT Journal; Short Communication  
LA Japanese  
STA New

L4 ANSWER 116 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 1000014426 JICST-EPlus  
TI .ALPHA.- \*\*\*synuclein\*\*\* accumulation into the cultured cerebellar



granule cells by MPP+. (Ministry of Health and Welfare S).  
AU TANIWAKI TAKAYASU; YAMADA TAKESHI; ASAHARA HIDEAKI; MITA HIROSHI; OYAGI  
YASUMASA; KIRA JUN'ICHI  
CS Kyushu Univ., Neurol. Inst.  
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1998 Nendo Kenkyu Hokokusho,  
(1999) pp. 82-84. Journal Code: N19993112 (Fig. 9, Ref. 5)  
CY Japan  
DT Journal; Short Communication  
LA Japanese  
STA New

L4 ANSWER 117 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 1000014402 JICST-EPlus  
TI Parkinson disease. Cell death and accumulation of .ALPHA.-  
\*\*\*synuclein\*\*\* /NACP. (Ministry of Health and Welfare S).  
AU TAKAHASHI HITOSHI  
WAKABAYASHI KOICHI  
CS Brain Res. Inst., Niigata Univ.  
Niigatadai Noshikkankaisekise  
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1998 Nendo Kenkyu Hokokusho,  
(1999) pp. 22-24. Journal Code: N19993112 (Fig. 1, Ref. 18)  
CY Japan  
DT Journal; Short Communication  
LA Japanese  
STA New

L4 ANSWER 118 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 990033188 JICST-EPlus  
TI Interaction of NACP/.ALPHA.- \*\*\*synuclein\*\*\* with .BETA./A4 and effect  
on the fibril formation in vitro.  
AU SHINODA TOMOTAKA; TAKEDA KAZUYA; HOSSAIN S; SADIK G  
UEDA KENJI  
CS Grad. Sch. of Tokyo Metrop. Univ.  
Psychiatr. Res. Inst. of Tokyo  
SO Taishakei Shikkan Chosa Kenkyuhan. Heisei 9 Nendo Kenkyu Hokokusho, (1998)  
pp. 162-165. Journal Code: N19982403 (Fig. 2, Ref. 5)  
CY Japan  
DT Journal; Short Communication  
LA Japanese  
STA New

L4 ANSWER 119 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 980645420 JICST-EPlus  
TI Immunohistochemical examination of brain in patient of Parkinson disease  
using anti-NACP/.ALPHA.- \*\*\*synuclein\*\*\* antibody. (Ministry of Health  
and Welfare S)  
AU TAKAHASHI HITOSHI; WAKABAYASHI KOICHI  
YOSHIMOTO MAKOTO  
CS Brain Res. Inst., Niigata Univ.  
Taishoseiyaku Soyakuken  
SO Shinkei Hensei Shikkan Chosa Kenkyuhan. 1995 Nendo Kenkyu Hokokusho,  
(1998) pp. 111-113. Journal Code: N19981612 (Fig. 1, Ref. 12)  
CY Japan  
DT Journal; Short Communication  
LA Japanese  
STA New

L4 ANSWER 120 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 980563529 JICST-EPlus  
TI Interaction of NACP/.ALPHA.- \*\*\*synuclein\*\*\* with .BETA./A4 and effect  
on the fibril formation in vitro.  
AU TAKEDA KAZUYA; HOSSAIN S; SADIK G; SHINODA TOMOTAKA  
UEDA KENJI  
CS Grad. Sch. of Tokyo Metrop. Univ.  
Psychiatr. Res. Inst. of Tokyo  
SO Kiso Roka Kenkyu (Biomedical Gerontology), (1998) vol. 21, no. 2, pp. 76.  
Journal Code: Y0748A  
ISSN: 0912-8921  
CY Japan  
DT Journal; Short Communication  
LA Japanese  
STA New

L4 ANSWER 121 OF 143 JICST-EPlus COPYRIGHT 2004 JST on STN  
AN 980563528 JICST-EPlus  
TI Processing in vitro of NACP/.ALPHA.- \*\*\*synuclein\*\*\* with Cathepsin D.

AU SHAHANARA H M; TAKEDA K; ALIM M A; SADIK G; YAMAGATA F; UEDA K; SHINODA T  
CS Tokyo Metropolitan Univ.  
SO Kiso Roka Kenkyu (Biomedical Gerontology), (1998) vol. 21, no. 2, pp. 75.  
Journal Code: Y0748A  
ISSN: 0912-8921  
CY Japan  
DT Journal; Short Communication  
LA English  
STA New

L4 ANSWER 122 OF 143 LIFESCI COPYRIGHT 2004 CSA on STN  
AN 2001:98148 LIFESCI  
TI Immunophilin Ligands: Possible Neuroprotective Agents  
AU Ogawa, Norio  
CS Department of Neuroscience, Institute of Molecular and Cellular Medicine,  
Okayama University Medical School, Okayama 700-8558, Japan  
SO Neuroscience News [Nerosci. News], ( \*\*\*19990000\*\*\* ) vol. 2, no. 5, pp.  
28-34.  
ISSN: 1027-6599.  
DT Journal  
TC General Review  
FS N3  
LA English

L4 ANSWER 123 OF 143 LIFESCI COPYRIGHT 2004 CSA on STN  
AN 1998:85847 LIFESCI  
TI alpha - \*\*\*synuclein\*\*\* : A link between Parkinson and Alzheimer  
diseases?  
AU Heintz, N.; Zoghbi, H.  
CS Department of Molecular Biology, HHMI Rockefeller University, 1230 York  
Avenue, New York, New York 10021, USA  
SO NAT. GENET., ( \*\*\*19970800\*\*\* ) vol. 16, no. 4, pp. 325-344.  
ISSN: 1061-4036.  
DT Journal  
FS G; N3  
LA English  
SL English

L4 ANSWER 124 OF 143 LIFESCI COPYRIGHT 2004 CSA on STN  
AN 97:56925 LIFESCI  
TI Neurodegenerative diseases and transglutaminase  
AU Lorand, L.  
CS Dep. Cell and Mol. Biol., Northwestern Univ. Med. Sch., Chicago, IL 60611,  
USA  
SO PROC. NATL. ACAD. SCI. USA, ( \*\*\*1996\*\*\* ) vol. 93, no. 25, pp.  
14310-14313.  
ISSN: 0027-8424.  
DT Journal  
FS G; N3  
LA English  
SL English

L4 ANSWER 125 OF 143 MEDLINE on STN  
AN 97239607 MEDLINE  
DN 97239607 PubMed ID: 9085269  
TI Evidence that the precursor protein of non-A beta component of Alzheimer's  
disease \*\*\*amyloid\*\*\* (NACP) has an extended structure primarily  
composed of random-coil.  
AU Kim J  
CS Department of Microbiology, Yonsei University College of Medicine, Seoul,  
Korea.  
SO MOLECULES AND CELLS, \*\*\* (1997 Feb 28) \*\*\* 7 (1) 78-83.  
Journal code: 9610936. ISSN: 1016-8478.  
CY KOREA  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199705  
ED Entered STN: 19970514  
Last Updated on STN: 20000303  
Entered Medline: 19970505

L4 ANSWER 126 OF 143 MEDLINE on STN  
AN 97057172 MEDLINE  
DN 97057172 PubMed ID: 8901511  
TI NACP, a protein implicated in Alzheimer's disease and learning, is

natively unfolded.  
AU Weinreb P H; Zhen W; Poon A W; Conway K A; Lansbury P T Jr  
CS Department of Chemistry, Massachusetts Institute of Technology, Cambridge  
02139, USA.  
NC AG08470 (NIA)  
RR00317 (NCRR)  
SO BIOCHEMISTRY, \*(1996 Oct 29)\* 35 (43) 13709-15.  
Journal code: 0370623. ISSN: 0006-2960.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 199612  
ED Entered STN: 19970128  
Last Updated on STN: 20000303  
Entered Medline: 19961203

L4 ANSWER 127 OF 143 MEDLINE on STN  
AN 95100969 MEDLINE  
DN 95100969 PubMed ID: 7802671  
TI Tissue-dependent alternative splicing of mRNA for NACP, the precursor of  
non-A beta component of Alzheimer's disease \*\*\*amyloid\*\*\* .  
AU Ueda K; Saitoh T; Mori H  
CS Department of Molecular Biology, Tokyo Institute of Psychiatry, Japan.  
SO BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, \*(1994 Dec 15)\*  
205 (2) 1366-72.  
Journal code: 0372516. ISSN: 0006-291X.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-D31839  
EM 199501  
ED Entered STN: 19950215  
Last Updated on STN: 20000303  
Entered Medline: 19950125

L4 ANSWER 128 OF 143 MEDLINE on STN  
AN 94068588 MEDLINE  
DN 94068588 PubMed ID: 8248242  
TI Molecular cloning of cDNA encoding an unrecognized component of  
\*\*\*amyloid\*\*\* in Alzheimer disease.  
AU Ueda K; Fukushima H; Masliah E; Xia Y; Iwai A; Yoshimoto M; Otero D A;  
Kondo J; Ihara Y; Saitoh T  
CS Department of Neurosciences, School of Medicine, University of California,  
San Diego, La Jolla 92093-0624.  
NC AG05131 (NIA)  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, \*(1993 Dec 1)\* 90 (23) 11282-6.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-L08850  
EM 199401  
ED Entered STN: 19940201  
Last Updated on STN: 20000303  
Entered Medline: 19940104

L4 ANSWER 129 OF 143 PHIN COPYRIGHT 2004 PJB on STN  
AN 97:12855 PHIN  
DN S00544322  
DED 15 Jul 1997  
TI Genetic research update  
SO Scrip ( \*\*\*1997\*\*\* ) No. 2249 p21  
DT Newsletter  
FS FULL

L4 ANSWER 130 OF 143 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:679225 PROMT  
TITLE: Misshapes and misfits: protein misfolding and disease.  
AUTHOR(S): Perrett, Sarah  
SOURCE: Chemistry and Industry, ( \*\*\*18 May 1998\*\*\* ) No. 10, pp.

389(5).  
ISSN: ISSN: 0009-3068.  
PUBLISHER: Society of Chemical Industry  
DOCUMENT TYPE: Newsletter  
LANGUAGE: English  
WORD COUNT: 4672  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 131 OF 143 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 1998:555246 PROMT  
TITLE: Parkinson's disease: nature meets nurture.(Commentary)  
AUTHOR(S): Golbe, Lawrence I.  
SOURCE: The Lancet, ( \*\*\*24 Oct 1998\*\*\* ) pp. 1328(1).  
ISSN: 0099-5355.  
LANGUAGE: English  
WORD COUNT: 1127  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 132 OF 143 PROMT COPYRIGHT 2004 Gale Group on STN

ACCESSION NUMBER: 97:381054 PROMT  
TITLE: Parkinson's Disease NIH Researchers Find First Parkinson's  
Disease Gene  
SOURCE: Disease Weekly Plus, ( \*\*\*7 Jul 1997\*\*\* ) pp. N/A.  
LANGUAGE: English  
WORD COUNT: 942  
\*FULL TEXT IS AVAILABLE IN THE ALL FORMAT\*

L4 ANSWER 133 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2000:21524 SCISEARCH  
GA The Genuine Article (R) Number: 269HX  
TI The biochemistry of Alzheimer disease  
AU Fine R E (Reprint)  
CS BOSTON UNIV, SCH MED, DEPT BIOCHEM, 715 ALBANY ST K-124-C, BOSTON, MA  
02118 (Reprint); EDITH NOURSE ROGERS MEM VET ADM HOSP, GERIATR RES EDUC &  
CLIN CTR, BEDFORD, MA 01730  
CYA USA  
SO ALZHEIMER DISEASE & ASSOCIATED DISORDERS, ( \*\*\*APR-JUN 1999\*\*\* ) Vol.  
13, supp. [1], pp. s82-s87.  
Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
19106-3621.  
ISSN: 0893-0341.  
DT Article; Journal  
FS LIFE; CLIN  
LA English  
REC Reference Count: 49  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 134 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 2000:10472 SCISEARCH  
GA The Genuine Article (R) Number: 267JU  
TI alpha- \*\*\*synuclein\*\*\* immunoreactivity is present in axonal swellings  
in neuroaxonal dystrophy and acute traumatic brain injury  
AU Newell K L (Reprint); Boyer P; GomezTortosa E; Hobbs W; Hedleywhyte E T;  
Vonsattel J P; Hyman B T  
CS MASSACHUSETTS GEN HOSP E, ALZHEIMERS DIS RES UNIT, 149 13TH ST, ROOM  
6604B, CHARLESTOWN, MA 02129 (Reprint); HARVARD UNIV, MASSACHUSETTS GEN  
HOSP, CS KUBIK LAB NEUROPATHOL, BOSTON, MA; HARVARD UNIV, MASSACHUSETTS  
GEN HOSP, DEPT PATHOL, BOSTON, MA; HARVARD UNIV, MASSACHUSETTS GEN HOSP,  
DEPT NEUROL, BOSTON, MA  
CYA USA  
SO JOURNAL OF NEUROPATHOLOGY AND EXPERIMENTAL NEUROLOGY, ( \*\*\*DEC 1999\*\*\* )  
Vol. 58, No. 12, pp. 1263-1268.  
Publisher: AMER ASSN NEUROPATHOLOGISTS INC, 1041 NEW HAMPSHIRE ST,  
LAWRENCE, KS 66044.  
ISSN: 0022-3069.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 35  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 135 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN

AN 1999:986033 SCISEARCH  
GA The Genuine Article (R) Number: 265QR

TI Clinicopathologic correlates in temporal cortex in dementia with Lewy  
 bodies  
 AU GomezIsla T (Reprint); Growdon W B; McNamara M; Newell K; GomezTortosa E;  
 Hedleywhyte E T; Hyman B T  
 CS DEPT NEUROL, MAYO BLDG, BOX 295, 420 DELAWARE ST, MINNEAPOLIS, MN 55455  
 (Reprint); MASSACHUSETTS GEN HOSP, SERV NEUROL, BOSTON, MA 02114;  
 MASSACHUSETTS GEN HOSP, PATHOL SERV, BOSTON, MA 02114  
 CYA USA  
 SO NEUROLOGY, ( \*\*\*\*10 DEC 1999\*\*\* ) Vol. 53, No. 9, pp. 2003-2009.  
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 530 WALNUT ST, PHILADELPHIA, PA  
 19106-3621.  
 ISSN: 0028-3878.  
 DT Article; Journal  
 FS LIFE; CLIN  
 LA English  
 REC Reference Count: 43  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 136 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:774798 SCISEARCH  
 GA The Genuine Article (R) Number: 243LU  
 TI Neurofibrillary tangle parkinsonian disorders - Tau pathology and tau  
 genetics  
 AU Morris H R; Lees A J; Wood N W (Reprint)  
 CS UNIV LONDON, INST NEUROL, DEPT CLIN NEUROL, NEUROGENET SECT, QUEEN SQ,  
 LONDON WC1N 3BG, ENGLAND (Reprint); UNIV LONDON, INST NEUROL, DEPT CLIN  
 NEUROL, NEUROGENET SECT, LONDON WC1N 3BG, ENGLAND; NATL HOSP NEUROL &  
 NEUROSURG, LONDON WC1N 3BG, ENGLAND; UNIV COLL LONDON, RETA LILA WESTON  
 INST NEUROL STUDIES, LONDON, ENGLAND  
 CYA ENGLAND  
 SO MOVEMENT DISORDERS, ( \*\*\*SEP 1999\*\*\* ) Vol. 14, No. 5, pp. 731-736.  
 Publisher: LIPPINCOTT WILLIAMS & WILKINS, 227 EAST WASHINGTON SQ,  
 PHILADELPHIA, PA 19106.  
 ISSN: 0885-3185.  
 DT General Review; Journal  
 FS LIFE; CLIN  
 LA English  
 REC Reference Count: 48  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 137 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:674645 SCISEARCH  
 GA The Genuine Article (R) Number: 230QQ  
 TI Neurons and mechanisms of neuronal death in neurodegenerative diseases: A  
 brief review  
 AU Waggie K S (Reprint); Kahle P J; Tolwani R J  
 CS ZYMOGENET INC, SEATTLE, WA 98105 (Reprint); UNIV MUNICH, ADOLF BUTENANDT  
 INST, DEPT METAB BIOCHEM, D-80336 MUNICH, GERMANY; STANFORD UNIV, SCH MED,  
 DEPT COMPARAT MED, STANFORD, CA 94305  
 CYA USA; GERMANY  
 SO LABORATORY ANIMAL SCIENCE, ( \*\*\*AUG 1999\*\*\* ) Vol. 49, No. 4, pp.  
 358-362.  
 Publisher: AMER ASSOC LABORATORY ANIMAL SCIENCE, 9190 CRESTWYN HILLS DR,  
 MEMPHIS, TN 38125.  
 ISSN: 0023-6764.  
 DT Article; Journal  
 FS LIFE; AGRI  
 LA English  
 REC Reference Count: 55  
 \*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 138 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
 AN 1999:586500 SCISEARCH  
 GA The Genuine Article (R) Number: 218UM  
 TI Filamentous nerve cell inclusions in neurodegenerative diseases:  
 tauopathies and alpha-synucleinopathies  
 AU Goedert M (Reprint)  
 CS MRC, MOL BIOL LAB, HILLS RD, CAMBRIDGE CB2 2QH, ENGLAND (Reprint)  
 CYA ENGLAND  
 SO PHILOSOPHICAL TRANSACTIONS OF THE ROYAL SOCIETY OF LONDON SERIES  
 B-BIOLOGICAL SCIENCES, ( \*\*\*29 JUN 1999\*\*\* ) Vol. 354, No. 1386, pp.  
 1101-1118.  
 Publisher: ROYAL SOC LONDON, 6 CARLTON HOUSE TERRACE, LONDON SW1Y 5AG,  
 ENGLAND.  
 ISSN: 0962-8436.  
 DT General Review; Journal

FS LIFE; AGRI  
LA English  
REC Reference Count: 148  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 139 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:277281 SCISEARCH  
GA The Genuine Article (R) Number: 182PT  
TI Evolution of \*\*\*amyloid\*\*\* : What normal protein folding may tell us  
about fibrillogenesis and disease  
AU Lansbury P T (Reprint)  
CS HARVARD UNIV, BRIGHAM & WOMENS HOSP, SCH MED, CTR NEUROL DIS, DEPT NEUROL,  
77 AVE LOUIS PASTEUR, BOSTON, MA 02115 (Reprint)  
CYA USA  
SO PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF  
AMERICA, ( \*\*\*30 MAR 1999\*\*\* ) Vol. 96, No. 7, pp. 3342-3344.  
Publisher: NATL ACAD SCIENCES, 2101 CONSTITUTION AVE NW, WASHINGTON, DC  
20418.  
ISSN: 0027-8424.  
DT Editorial; Journal  
FS LIFE  
LA English  
REC Reference Count: 37

L4 ANSWER 140 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1999:118155 SCISEARCH  
GA The Genuine Article (R) Number: 162WZ  
TI Developmentally regulated expression of persyn, a member of the  
\*\*\*synuclein\*\*\* family, in skin  
AU Ninkina N N; Privalova E M; Pinon L G P; Davies A M; Buchman V L (Reprint)  
CS UNIV ST ANDREWS, SCH BIOMED SCI, BUTE MED BLDG, ST ANDREWS KY16 9TS, FIFE,  
SCOTLAND (Reprint); UNIV ST ANDREWS, SCH BIOMED SCI, ST ANDREWS KY16 9TS,  
FIFE, SCOTLAND; RUSSIAN ACAD SCI, INST GENE BIOL, MOSCOW, RUSSIA; NEUROPA  
LTD, GLASGOW, LANARK, SCOTLAND  
CYA SCOTLAND; RUSSIA  
SO EXPERIMENTAL CELL RESEARCH, ( \*\*\*1 FEB 1999\*\*\* ) Vol. 246, No. 2, pp.  
308-311.  
Publisher: ACADEMIC PRESS INC, 525 B ST, STE 1900, SAN DIEGO, CA  
92101-4495.  
ISSN: 0014-4827.  
DT Article; Journal  
FS LIFE  
LA English  
REC Reference Count: 32  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 141 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:768707 SCISEARCH  
GA The Genuine Article (R) Number: 125AK  
TI The \*\*\*synuclein\*\*\* family  
AU Lavedan C (Reprint)  
CS NATL HUMAN GENOME RES INST, GENET DIS RES BRANCH, NIH, BETHESDA, MD 20892  
(Reprint)  
CYA USA  
SO GENOME RESEARCH, ( \*\*\*SEP 1998\*\*\* ) Vol. 8, No. 9, pp. 871-880.  
Publisher: COLD SPRING HARBOR LAB PRESS, 1 BUNGTOWN RD, PLAINVIEW, NY  
11724.  
ISSN: 1054-9803.  
DT General Review; Journal  
FS LIFE  
LA English  
REC Reference Count: 59  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 142 OF 143 SCISEARCH COPYRIGHT 2004 THOMSON ISI on STN  
AN 1998:519308 SCISEARCH  
GA The Genuine Article (R) Number: ZX687  
TI \*\*\*Amyloid\*\*\* and Alzheimer disease  
AU ANON  
SO NATURE MEDICINE, ( \*\*\*JUL 1998\*\*\* ) Vol. 4, No. 7, pp. 745-745.  
Publisher: NATURE PUBLISHING CO, 345 PARK AVE SOUTH, NEW YORK, NY  
10010-1707.  
ISSN: 1078-8956.  
DT Editorial; Journal  
FS LIFE; CLIN  
LA English

REC Reference Count: 0  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L4 ANSWER 143 OF 143 TOXCENTER COPYRIGHT 2004 ACS on STN  
AN 1999:118655 TOXCENTER  
CP Copyright 2004 ACS  
DN CA13013166800P  
TI Soluble fusion proteins of aggregate-forming proteins and the study of  
diseases associated with protein aggregate formation  
AU Wanker, Erich; Lehrach, Hans; Scherzinger, Eberhard; Bates, Gillian  
CS ASSIGNEE: Max-Planck-Gesellschaft zur Forderung der Wissenschaften e.V.  
PI WO 996545 A2 11 Feb 1999  
SO ( \*\*\*1999\*\*\* ) PCT Int. Appl., 62 pp.  
CODEN: PIXXD2.  
CY GERMANY, FEDERAL REPUBLIC OF  
DT Patent  
FS CAPLUS  
OS CAPLUS 1999:113797  
LA English  
ED Entered STN: 20011116  
Last Updated on STN: 20020509  
STN INTERNATIONAL LOGOFF AT 10:38:21 ON 10 FEB 2004